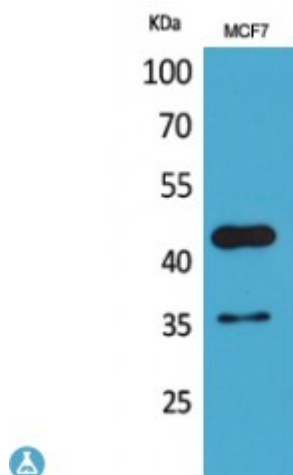


## Anti-Angptl4 antibody



|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to Angptl4.                                                                                                   |
| <b>Model</b>              | STJ96539                                                                                                                        |
| <b>Host</b>               | Rabbit                                                                                                                          |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                               |
| <b>Applications</b>       | ELISA, WB                                                                                                                       |
| <b>Immunogen</b>          | Synthesized peptide derived from human Angptl4.                                                                                 |
| <b>Immunogen Region</b>   | 301-350 aa, Internal                                                                                                            |
| <b>Gene ID</b>            | <a href="#">51129</a>                                                                                                           |
| <b>Gene Symbol</b>        | <a href="#">ANGPTL4</a>                                                                                                         |
| <b>Dilution range</b>     | WB 1:500-1:2000ELISA 1:20000                                                                                                    |
| <b>Specificity</b>        | Angptl4 Polyclonal Antibody detects endogenous levels of Angptl4 protein.                                                       |
| <b>Tissue Specificity</b> | Expressed at high levels in the placenta, heart, liver, muscle, pancreas and lung but expressed poorly in the brain and kidney. |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                                    |
| <b>Protein Name</b>       | Angiopoietin-related protein 4 Angiopoietin-like protein 4 Hepatic fibrinogen/angiopoietin-related protein HFARP                |
| <b>Molecular Weight</b>   | 45/35 kDa                                                                                                                       |
| <b>Clonality</b>          | Polyclonal                                                                                                                      |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>                      | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Database Links</b>                   | <a href="#">HGNC:16039OMIM:605910</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Alternative Names</b>                | Angiopoietin-related protein 4 Angiopoietin-like protein 4 Hepatic fibrinogen/angiopoietin-related protein HFARP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                         | Protein with hypoxia-induced expression in endothelial cells. May act as a regulator of angiogenesis and modulate tumorigenesis. Inhibits proliferation, migration, and tubule formation of endothelial cells and reduces vascular leakage. May exert a protective function on endothelial cells through an endocrine action. It is directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity. In response to hypoxia, the unprocessed form of the protein accumulates in the subendothelial extracellular matrix (ECM). The matrix-associated and immobilized unprocessed form limits the formation of actin stress fibers and focal contacts in the adhering endothelial cells and inhibits their adhesion. It also decreases motility of endothelial cells and inhibits the sprouting and tube formation . |
| <b>Cellular Localization</b>            | Secreted Secreted, extracellular space, extracellular matrix. The unprocessed form interacts with the extracellular matrix. This may constitute a dynamic reservoir, a regulatory mechanism of the bioavailability of ANGPTL4 .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Post-translational Modifications</b> | N-glycosylated.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |