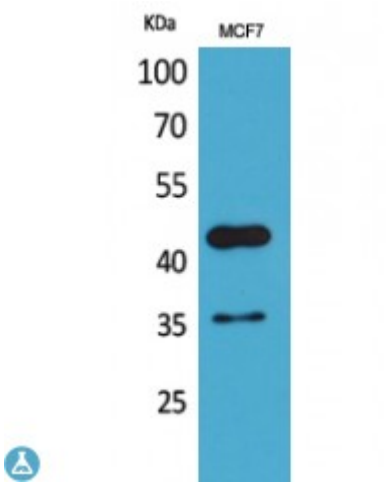
Anti-Angptl4 antibody



Description	Rabbit polyclonal to Angptl4.

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

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16039OMIM:605910
Alternative Names	Angiopoietin-related protein 4 Angiopoietin-like protein 4 Hepatic fibrinogen/angiopoietin-related protein HFARP
Function	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 .
Cellular Localization	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 .
Post-translational Modifications	N-glycosylated.