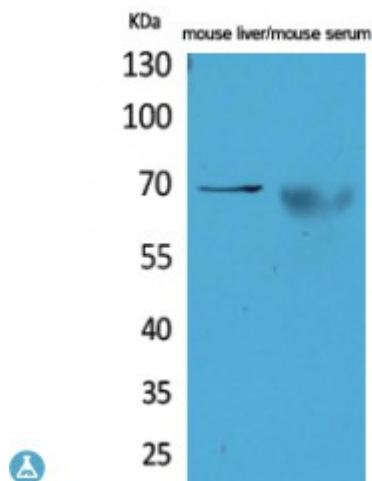


## Anti-AFP antibody



|                           |                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to AFP.                                                                                             |
| <b>Model</b>              | STJ96505                                                                                                              |
| <b>Host</b>               | Rabbit                                                                                                                |
| <b>Reactivity</b>         | Human                                                                                                                 |
| <b>Applications</b>       | ELISA, IHC, WB                                                                                                        |
| <b>Immunogen</b>          | Synthesized peptide derived from human AFP.                                                                           |
| <b>Immunogen Region</b>   | 361-410 aa, Internal                                                                                                  |
| <b>Gene ID</b>            | <a href="#">174</a>                                                                                                   |
| <b>Gene Symbol</b>        | <a href="#">AFP</a>                                                                                                   |
| <b>Dilution range</b>     | WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000                                                                           |
| <b>Specificity</b>        | AFP Polyclonal Antibody detects endogenous levels of AFP protein.                                                     |
| <b>Tissue Specificity</b> | Plasma. Synthesized by the fetal liver and yolk sac.                                                                  |
| <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>       | Alpha-fetoprotein Alpha-1-fetoprotein Alpha-fetoglobulin                                                              |
| <b>Molecular Weight</b>   | 70 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:317OMIM:104150</a>                                                                                                                                                       |
| <b>Alternative Names</b>                | Alpha-fetoprotein Alpha-1-fetoprotein Alpha-fetoglobulin                                                                                                                                  |
| <b>Function</b>                         | Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties. |
| <b>Cellular Localization</b>            | Secreted.                                                                                                                                                                                 |
| <b>Post-translational Modifications</b> | Independent studies suggest heterogeneity of the N-terminal sequence of the mature protein and of the cleavage site of the signal sequence.; Sulfated.                                    |

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