

Alpha-Fetoprotein (AFP) Antibody (HRP)

Catalogue No.: abx107959

Alpha-Fetoprotein Antibody (HRP) is a Rabbit Polyclonal antibody conjugated to HRP against Alpha-Fetoprotein. α -fetoprotein is a major plasma protein produced by the yolk sac and the liver during fetal life. α -fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of α -fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the α -fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. α -fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of α -fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

Target: Alpha-Fetoprotein (AFP)**Reactivity:** Human**Host:** Rabbit**Clonality:** Polyclonal**Tested Applications:** ELISA**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.**Immunogen:** Recombinant human Alpha-fetoprotein (19-609AA).**Purity:** > 95%**Purification:** Protein G.**Form:** Liquid**Isotype:** IgG**Conjugation:** HRP**Storage:** Aliquot and store at -20 °C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.**Swiss Prot:** [P02771](#)**GeneID:** [174](#)**Gene Symbol:** AFP

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Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: This product is for research use only.