

Alpha Fetoprotein (AFP) Antibody

Catalogue No.: abx109521

Alpha-Fetoprotein Antibody is a Rabbit Polyclonal antibody against α -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)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/500 - 1/5000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant human Alpha-fetoprotein (19-609AA).

Isotype: IgG

Form: Liquid

Purity: > 95%

Purification: Purified by Protein G.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P02771 ([UniProt](#), [ExPASy](#))

Gene Symbol: AFP

GeneID: [174](#)

OMIM: [104150](#)

Datasheet

Version: 2.0.0

Revision date: 30 Jun 2025



KEGG: hsa:174

String: [9606.ENSP00000379138](#)

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

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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