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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)
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:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P02771
GeneID:	174
Gene Symbol:	AFP

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OMIM: [1415](#)

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

Note: This product is for research use only.