

Rabbit AFP Polyclonal Antibody | anti-AFP antibody

AFP Antibody

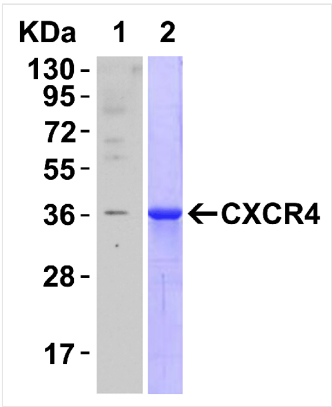
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39738	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AFP; Polyclonal Antibody; AFP Antibody; FETA; HPAFP; Alpha-fetoprotein; Alpha-1-fetoprotein; alpha-fetoprotein; anti-AFP antibody

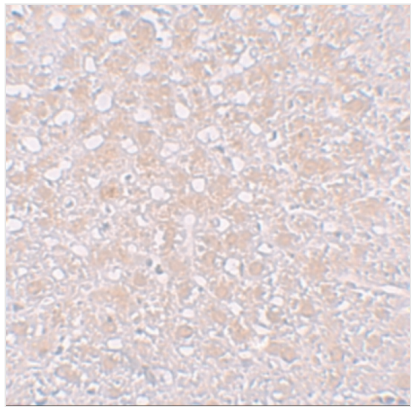
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	AFP Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	609
Applicable Applications for anti-AFP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AFP antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human AFP. The immunogen is located within amino acids 340-390 of AFP.
Buffer	AFP Antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Pig: (91%)
Preparation and Storage	AFP antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



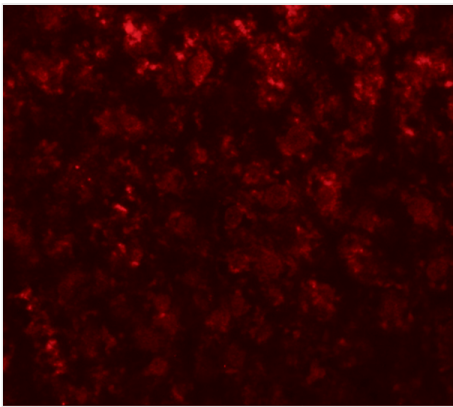
IF (Immunofluorescence)

Immunofluorescence of AFP in mouse liver tissue with AFP antibody at 20 μ g/mL. Red: AFP Antibody (5869) Blue: DAPI staining



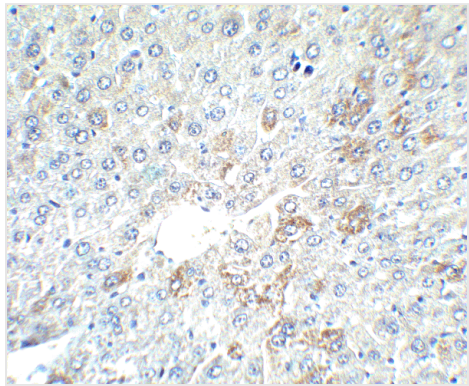
IHC (Immunohistochemistry)

Immunohistochemistry of AFP in rat liver tissue with AFP antibody at 10 μ g/mL.



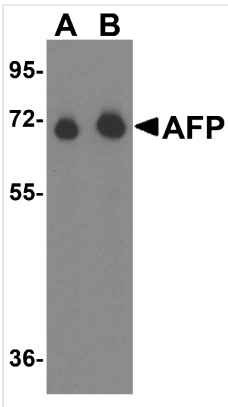
IF (Immunofluorescence)

Immunofluorescence of AFP in rat liver tissue with AFP antibody at 20 μ g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of AFP in mouse liver tissue with AFP antibody at 2.5 μ g/mL.



WB (Western Blot)

Western blot analysis of AFP in fetal human liver tissue lysate with AFP antibody at (A) 1 μ g/mL and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
NCBI GeneID	174
NCBI Accession #	NP_001125
NCBI GenBank Nucleotide #	NM_001134.2
UniProt Accession #	P02771; B2RBU3
NCBI Official Full Name	alpha-fetoprotein
NCBI Official Synonym Full Names	alpha-fetoprotein
NCBI Official Symbol	AFP
NCBI Official Synonym Symbols	AFPD; FETA; HPAFP
NCBI Protein Information	alpha-fetoprotein; alpha-fetoglobulin; alpha-1-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP
UniProt Synonym Gene Names	HPAFP
UniProt Entry Name	FETA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/afp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39738>