

Rabbit AFP Polyclonal Antibody | anti-AFP antibody

AFP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167824	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

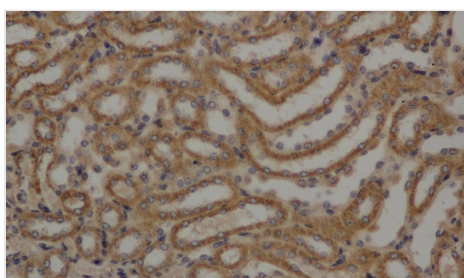
PRODUCT SYNONYMS

AFP; Polyclonal Antibody; AFP Polyclonal Antibody; FETA; HPAFP; anti-AFP antibody

PRODUCT SPECIFICATIONS

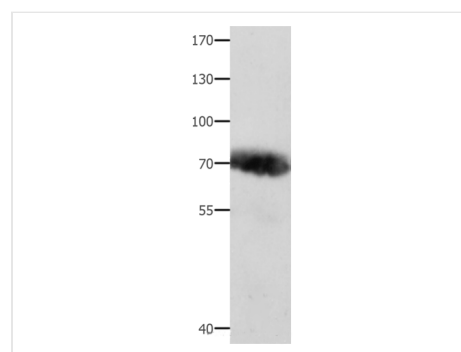
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (varies by lot)
Sequence Length	609
Applicable Applications for anti-AFP antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human AFP
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using AFP Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of Human liver cancer tissue using AFP Polyclonal Antibody at dilution of 1:800

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody	This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-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 alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.
Product Categories/Family for anti-AFP antibody	Cancer; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
NCBI GeneID	174
NCBI Accession #	NP_001125.1
NCBI GenBank Nucleotide #	NM_001134.2
Molecular Weight	68,678 Da
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-1-fetoprotein; alpha-fetoglobulin
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/afp-antibody-immunohistochemistry-western-blot-elisa/167824>