

Rabbit anti-Human, Mouse AFP Polyclonal Antibody | anti-AFP antibody

Anti-AFP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45717	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AFP; Polyclonal Antibody; Anti-AFP Antibody; Alpha-fetoprotein; alpha-fetoprotein; AFP antibody; Alpha fetoglobulin antibody; Alpha fetoprotein antibody; Alpha fetoproteinprecursor antibody; Alpha-1-fetoprotein antibody; Alpha-fetoglobulin antibody; Alpha-fetoprotein antibody; Hereditary persistence of; included antibody; FETA antibody; FETA_HUMAN antibody; Hereditary persistence of alpha fetoprotein antibody; HPAFP antibody; anti-AFP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	609
Applicable Applications for anti-AFP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human AFP recombinant protein (Position: Q378-V609). Human AFP shares 71% and 73% amino acid (aa) sequences identity with mouse and rat AFP, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-AFP Picoband antibody, AAA45717-2.jpgAll lanes: Anti AFP (AAA45717) at 0.5ug/mlWB: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 69KDObserved bind size: 69KD



Application Data

Anti-AFP Picoband antibody, AAA45717-1.jpgAll lanes: Anti AFP (AAA45717) at 0.5ug/mlWB: Human Recombinant AFP Protein 0.5ngPredicted bind size: 36KDObserved bind size: 36KD

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody	Description: Rabbit IgG polyclonal antibody for Alpha-fetoprotein(AFP) detection. Tested with WB, IHC-P in Human, Mouse. Background: AFP, also called Alpha-fetoprotein; alpha-fetoprotein, is a protein that in humans is encoded by the AFP gene. It is mapped to 4q13.3. The level of AFP in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly. In rodents AFP binds estradiol to prevent the transport of this hormone across the placenta to the fetus. The main function of this is to prevent the virilization of female fetuses. Moreover, it has an important role as a marker, especially in certain tumors and liver diseases of childhood. AFP is also used to test the potential usefulness of plasma alpha fetoprotein determination as a marker in biliary atresia, hepatitis, and yolk sac derived tumours.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120042
NCBI GeneID	174
UniProt Accession #	P02771; B2RBU3
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-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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/afp-antibody-immunohistochemistry-western-blot-elisa/45717>