

anti-Human AFP Antibody | anti-AFP antibody

AFP (Biotin Conjugated)Antibody

CATALOG # AAA110889	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

AFP; AFP (Biotin Conjugated)Antibody; anti-AFP antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clone Number	3-B6
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to near C-terminal residues of mouse AFP.
Form/Format	In 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol.
Sequence Length	609
Applicable Applications for anti-AFP antibody	ICC (Immunocytochemistry), WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Secretion
Positive Control	HepG2
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at-20 degree C or-80 degree C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody	Cytokeratin 17 may play a role in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair. Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway. Involved in tissue repair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial "stem cells". May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation.
References	1. Morinaga T., Sakai M., Wegmann T.G., Tamaoki T.; "Primary structures of human alpha-fetoprotein and its mRNA."; Proc. Natl. Acad. Sci. U.S.A. 80:4604-4608(1983). 2. Wang XW, et al. World J Gastroenterol 7:345-351, 2001. 3. Chen H, et al Crit Rev Eukaryot Gene Expr, 7:11-41, 1997. 4. Zheng AI, et al. CJC 22:108-111, 2003.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
NCBI GeneID	174
NCBI Accession #	NP_001125.1
NCBI GenBank Nucleotide #	NM_001134.2

UniProt Accession #	P02771; B2RBU3
Molecular Weight	70kDa
NCBI Official Full Name	alpha-fetoprotein isoform 1
NCBI Official Synonym Full Names	alpha fetoprotein
NCBI Official Symbol	AFP
NCBI Official Synonym Symbols	AFPD; FETA; HPAFP
NCBI Protein Information	alpha-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP
UniProt Synonym Gene Names	HPAFP

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/human-antibody/afp/110889>