

Rabbit AFP Polyclonal Antibody | anti-AFP antibody

AFP Rabbit Polyclonal Antibody

CATALOG # AAA313238	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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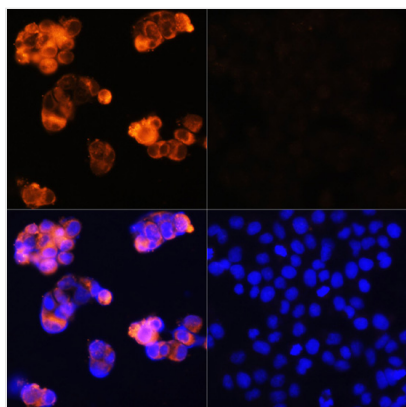
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

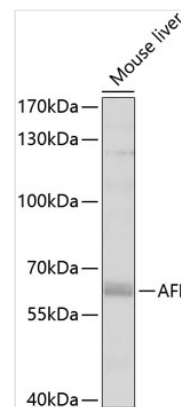
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-AFP antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human AFP (NP_001125.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



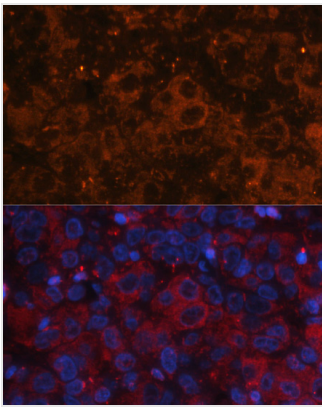
IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells (upper left) and LO2 cells (negative sample control)(upper right) using AFP Rabbit pAb (red, A11013) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using AFP at 1:1000 dilution.



IF (Immunofluorescence)

Immunofluorescence analysis of human liver cancer using AFP at dilution of 1:100. Blue: DAPI for nuclear staining.

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	Primary Antibody

NCBI AND UNIPROT INFORMATION

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

