

Rabbit AFP Polyclonal Antibody | anti-AFP antibody

AFP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302256	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

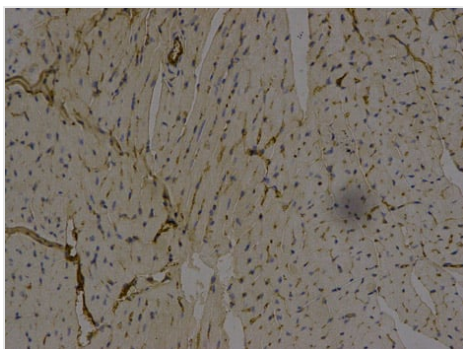
PRODUCT SYNONYMS

AFP; Polyclonal Antibody; AFP Antibody; FETA; Alphafetoglobulin; alphafetoprotein; Alpha1fetoprotein; anti-AFP antibody

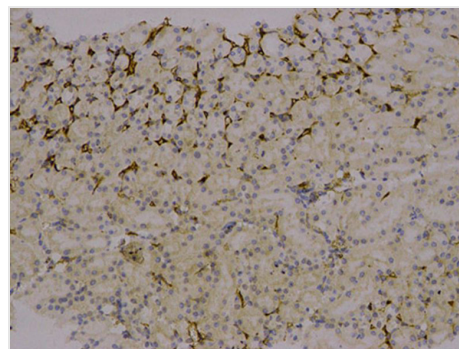
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total AFP protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	609
Applicable Applications for anti-AFP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human AFP.
Target Name	AFP
Preparation and Storage	Store at -20 degree C

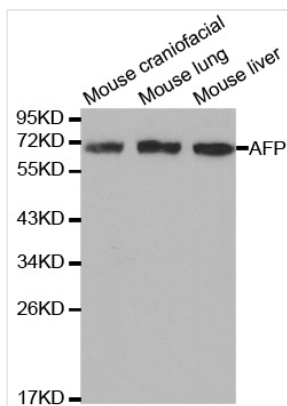
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach cancer using AFP antibody at dilution of 1:200 (200x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human bladder cancer using AFP antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AFP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody

Alpha-fetoprotein (AFP) is a 65 kDa glycoprotein found in the serum of the mammalian fetal liver, yolk sac, and GI tract. While AFP expression in adult cells is low, it is aberrantly expressed in adult liver cancer cells (1,2). The tumor suppressor gene p53 and b-catenin are both involved in the regulation of AFP expression. In normal adult cells, p53 binds to the repressor region of the AFP gene, thereby blocking transcription. Mutations in both p53 and b-catenin are associated with aberrant expression of AFP. Elevated serum levels are predictive of hepatocellular carcinoma (3).

Product Categories/Family for anti-AFP antibody

Total protein Ab

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	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
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.