

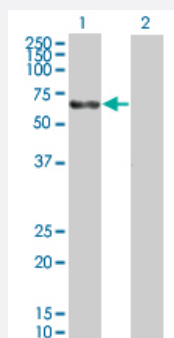
MaxPab®

AFP MaxPab mouse polyclonal antibody (B01)

Catalog # H00000174-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AFP expression in transfected 293T cell line ([H00000174-T01](#)) by AFP MaxPab polyclonal antibody.

Lane 1: AFP transfected lysate (66.99 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AFP protein.

Immunogen

AFP (NP_001125, 1 a.a. ~ 609 a.a) full-length human protein.

Sequence

MKWVESIFLIFLLNFTESRTLHRNEYGIASILDSYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKD
ALTAIEKPTGDEQSSGCLENQLPAFLEELCHEKEILEKYGHSDCCSQSEEGRHNCFLAHKKPTPA
SIPLFQVPEPVTSCAEYEEDRETFMNKFYEIARRHPFLYAPTILLWAARYDKIIPSCCKAENAVECF
QTKAATVTKELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTFIQKLVLDAHVHEH
CCRGDVLDCLDQDGEKIMSYICSQQDTLSNKITECCKLTTLERGQCIHAENDEKPEGLSPNLNRFL
GDRDFNQFSSGEKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQTENPLECQDKGEE
ELQKYIQESQALAKRSCGLFQKLGEYYLQNAFLVAYTKKAPQLTSELMAITRKMAATAATCCQLS
EDKLLACGEGAADIIIGHLCIRHEMTPVNPVGVCCTSSYANRRPCFSSLVVDETYVPPAFSDDKF
IFHKDLCQAQGVALQTMKQEFNLNLVKQKPQITEEQLEAVIADFSGLLEKCCQGGQEQEVCFAEEG
QKLISKTRAALGV

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (65); Rat (65)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of AFP expression in transfected 293T cell line ([H00000174-T01](#)) by AFP MaxPab polyclonal antibody.

Lane 1: AFP transfected lysate(66.99 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — AFP

Entrez GeneID	174
GeneBank Accession#	NM_001134
Protein Accession#	NP_001125
Gene Name	AFP
Gene Alias	FETA, HPAFP
Gene Description	alpha-fetoprotein
Omim ID	104150
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000160480 alpha-1-fetoprotein alpha-fetoglobulin

Disease

- [Carcinoma](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)