

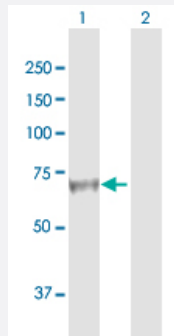
MaxPab®

AFP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000174-B01P

Size 50 ug

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 (AAH27881.1, 1 a.a. ~ 609 a.a) full-length human protein.
Sequence	MKWVESIFLIFLLNFTESRTLHRNEYGIASILDSYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKD ALTAIEKPTGDEQSSGCLENQLPAFLEELCHEKEILEKYGHSDCCSQSEEGRHNCFLAHKKPTPA SIPLFQVPEPVTSCAEYEEDRETFMNKFYEIARRHPFLYAPTILLWAARYDKIIPSCCKAENAVECF QTKAATVTKELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTETIQKLVLDDVAHVHEH CCRGDVLDCLDQDGEKIMSYICSQQDTLSNKKTECKLTTLERGQCIIHAENDEKPEGLSPNLNRFL GDRDFNQFSSGEKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQTENPLECQDKGEE ELQKYIQESQALAKRSCGLFQKLGEYYLQNAFLVAYTKKAPQLTSSSELMATRKAATAATCCQLS EDKLLACGEGAADIIIGHLCIRHEMTPVNPVGVCCTSSYANRRPCFSSLVVDETYVPPAFSDDKF IFHKDLCQAQGVALQTMKQEFNLVLVKQKPQITEEQLEAVIADFSGLLEKCCQGGQEQEVCFAEEG QKLISKTRALGV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65); Rat (65)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — AFP

Entrez GeneID	174
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GeneBank Accession#	BC027881.1
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Protein Accession#	AAH27881.1
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Gene Name	AFP
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Gene Alias	FETA, HPAFP
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Gene Description	alpha-fetoprotein
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Omim ID	104150
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Gene Ontology	Hyperlink
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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]
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Other Designations	OTTHUMP00000160480 alpha-1-fetoprotein alpha-fetoglobulin
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Disease

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