

DNAxPAb

Hard-to-Find
Antibody

AFP DNAxPab

Catalog # H00000174-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AFP DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKWVESIFLIFLLNFTESRTLHRNEYGASILDSYQCTAEISLADLATIFFAQFVQEATYKEVSKMVKD ALTAIEKPTGDEQSSGCLENQLPAFLEELCHEKEILEKYGHSDCCSQSEEGRHNCFLAHKKPTPA SIPLFQVPEPVTSCAEYEEDRETFMNKFYEIARRHPFLYAPTILLWAARYDKIIPSCCKAENAVECF QTKAATVTKELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTIQKLVLDAHVHEH CCRGDVLDCLDQDGEKIMSYICSQQDTLSNKKTECCKLTTLARGQCIHAENDEKPEGLSPNLNRFL GDRDFNQFSSGEKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQTENPLECQDKGEE ELQKYIQESQALAKRSCGLFQKLGEYYLQNAFLVAYTKKAPQLTSELMAITRKMAATAATCCQLS EDKLLACGEGAADIIIGHLCIRHEMTPVNPVGVCCTSSYANRRPCFSSLVVDETYVPPAFSDDKF IFHKDLCQAQGVALQTMKQEFNLVKKPKQITEEQLEAVIADFSGLLEKCCQGQEQEVCFAEEG QKLISKTRAALGV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65); Rat (65)
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — AFP

Entrez GeneID [174](#)

GeneBank Accession# [BC027881.1](#)

Protein Accession# [AAH27881.1](#)

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](#)