

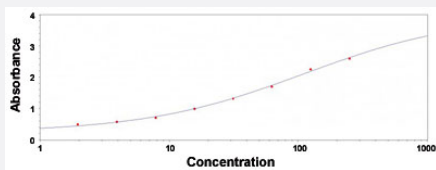
# AFP polyclonal antibody

Catalog # PAB29772      Size 1 mg

## Applications

### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AFP polyclonal antibody (Cat# PAB29772) under 2 ug/mL working concentration.



## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against native human AFP.
<b>Immunogen</b>	Native purified human AFP.
<b>Host</b>	Goat
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	ELISA (2 ug/mL) Western Blot (0.05-0.5 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.09 % sodium azide)
<b>Storage Instruction</b>	Store at 4°C.

## Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AFP polyclonal antibody (Cat# PAB29772) under 2 ug/mL working concentration.

## Gene Info — AFP

Entrez GeneID [174](#)

GeneBank Accession# [P02771](#)

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](#)