

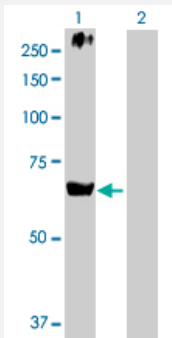
MaxPab®

# AFP purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000174-D01P

Size 100 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(68.70 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit 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  
QTKAATVTKELRESSLLNQHACAVMKNFGTRTFQAITVTKLSQKFTKVNFTETIQKLVLDAHVHEH  
CCRGDVLDCLDQDGEKIMSYICSQQDTLSNKKTECKLTTLERGQCIIHAENDEKPEGLSPNLNRFL  
GDRDFNQFSSGEKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLEKCFQTENPLECQDKGEE  
ELQKYIQESQALAKRSCGLFQKLGEYYLQNAFLVAYTKKAPQLTSELMAITRKMAATAATCCQLS  
EDKLLACGEGAADIIIGHLCIRHEMTPVNPVGVCCTSSYANRRPCFSSLVVDETYVPPAFSDDKF  
IFHKDLCQAQGVALQTMKQEFNLVKKQPKQITEEQLEAVIADFSGLLEKCCQGGQEVEVCFAEEG  
QKLISKTRAALGV

### Host

Rabbit

### 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. |

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[Protocol Download](#)

## Gene Info — AFP

|               |                     |
|---------------|---------------------|
| Entrez GeneID | <a href="#">174</a> |
|---------------|---------------------|

|                     |                           |
|---------------------|---------------------------|
| GeneBank Accession# | <a href="#">NM_001134</a> |
|---------------------|---------------------------|

|                    |                            |
|--------------------|----------------------------|
| Protein Accession# | <a href="#">AAH27881.1</a> |
|--------------------|----------------------------|

|           |     |
|-----------|-----|
| Gene Name | AFP |
|-----------|-----|

|            |             |
|------------|-------------|
| Gene Alias | FETA, HPAFP |
|------------|-------------|

|                  |                   |
|------------------|-------------------|
| Gene Description | alpha-fetoprotein |
|------------------|-------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">104150</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | <p>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]</p> |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| Other Designations | OTTHUMP00000160480 alpha-1-fetoprotein alpha-fetoglobulin |
|--------------------|-----------------------------------------------------------|

## Disease

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