

## Datasheet

### AFP purified MaxPab rabbit polyclonal antibody (D01P)

**Catalog Number:** H00000174-D01P

**Regulation Status:** For research use only (RUO)

**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:**

MKWVESIFLIFLLNFTESRTLHRNEYGIASILDSYQCTA  
EISLADLATIFFAQFVQEATYKEVSKMVKDALTAIEKPT  
GDEQSSGCLENQLPAFLEELCHEKEILEKYGHSDCCS  
QSEEGRHNCFLAHKKPTPASIFLQVPEPVTSCAYEE  
DRETFMNKFIYEIARRHPFLYAPTILLWAARYDKIIPSCC  
KAENAVECFQTKAATVTKELRESSLLNQHACAVMKNF  
GTRTFQAITVTKLSQKFTKVNFTIQKLVLDAHVHEH  
CCRGDVLDCLDGKIMS YICSQQDTLSNKITECKLT  
TLERGQCIIHAENDEKPEGLSPNLRFLGDRDFNQFSS  
GEKNIFLASFVHEYSRRHPQLAVSVILRVAKGYQELLE  
KCFQTENPLECQDKGEEELQKYIQESQALAKRSCGLF  
QKLGEYYLQNAFLVAYTKKAPQLTSSELMATRMAAT  
AATCCQLSEDKLLACGEGAADIIGHLCIRHEMTPVNP  
VGQCCTSSYANRRPCFSSLVDETYVPPAFSDDKFIF  
HKDLCQAQGVALQTMKQEFNLVKQKPQITEEQLEAV  
IADFSGLLEKCCQGQEQEVCFAEEGQKLISKTRAALGV

**Host:** Rabbit

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 174

**Gene Symbol:** AFP

**Gene Alias:** FETA, HPAFP

**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]