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# Alpha-Fetoprotein (AFP) Rabbit pAb

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ABclomal

Catalog No.: A0200

9 Publications

### **Basic Information**

### **Observed MW**

69kDa

#### **Calculated MW**

69kDa

#### Category

Polyclonal Antibody

#### **Applications**

WB, ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

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 hepatocarcinoma and with teratoma, and has prognostic value for managing advanced gastric cancer. However, hereditary persistance 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.

# **Recommended Dilutions**

WB

1:500 - 1:1000

# **Immunogen Information**

Gene ID

174

**Swiss Prot** 

P02771

#### **Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 360-609 of human Alpha-Fetoprotein (Alpha-Fetoprotein (AFP)) (NP 001125.1).

### **Synonyms**

AFPD; FETA; HPAFP; Alpha-Fetoprotein (AFP)

### **Contact**

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## **Product Information**

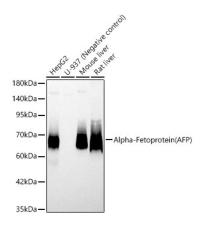
**Source** Rabbit **Isotype** IgG **Purification**Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

# **Validation Data**



Western blot analysis of various lysates, using Alpha-Fetoprotein (AFP) Rabbit pAb (A0200) at 1:400

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.