

Alpha-Fetoprotein (AFP) Rabbit pAb

Catalog No.: A17457

Basic Information

Observed MW

Refer to figures

Calculated MW

69kDa

Category

Primary antibody

Applications

IF/ICC

Cross-Reactivity

Human

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 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.

Recommended Dilutions

IF/ICC 1:50 - 1:100

Immunogen Information

Gene ID

174

Swiss Prot

P02771

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 395-609 of 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 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

