AFP Polyclonal Antibody

Catalog No. E-AB-13768

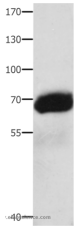
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

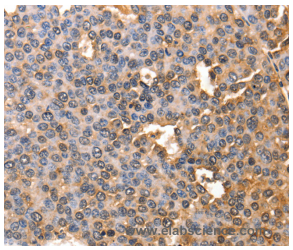
Reactivity	Human
Immunogen	Recombinant protein of human AFP
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:200

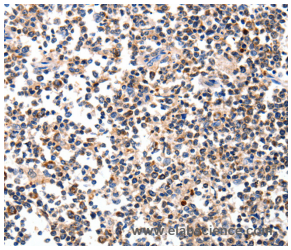
Data



Western Blot analysis of Human liver cancer tissue using AFP Polyclonal Antibody at dilution of 1:1000
Calculated Mw:69kDa



Immunohistochemistry of paraffin-embedded Human liver cancer using AFP Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human tonsil using AFP Polyclonal Antibody at dilution of 1:60

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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 hepatoma or teratoma. 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.

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