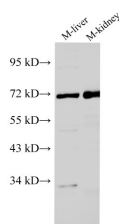


AFP Polyclonal Antibody

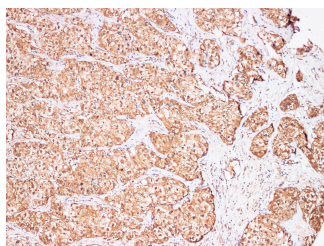
Catalog No.	E-AB-40304	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

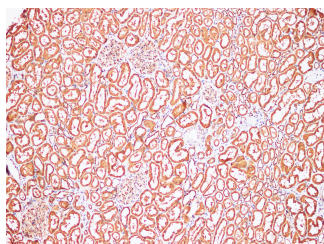
Images



Western Blot analysis of Mouse liver and Mouse kidney using AFP Polyclonal Antibody at dilution of 1:1000.



Western Blot analysis of Mouse liver and Mouse kidney using AFP Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human kidney using AFP Polyclonal Antibody at dilution of 1:200(100x).

Immunogen Information

Immunogen	Recombinant Human Alpha-fetoprotein protein
GeneID	174
Swissprot	P02771
Synonyms	Afp,AFPD,Hereditary persistence of, included, FETA, FETA, HPAFP

Product Information

Calculated MW	68 kDa
Observed MW	68 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:1000-1:2000 IHC 1:100-1:400

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 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.