

Rabbit Polyclonal anti-ALPHA FETOPROTEIN

Alternate names:	ACRP30, ADIPOQ, ACDC, APM1, APM-1, GBP28, Adipocyte, C1q and collagen domain-containing protein, Adipocyte complement-related 30 kDa protein, Adipose most abundant gene transcript 1 protein, Gelatin-binding protein
Catalog No.:	MC402
Quantity:	0.1 mg
Background:	Alpha 1 Fetoprotein is 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. Expression has been documented in human adrenal, liver, ovary, testis, and pancreas. ESTs have been isolated from normal human brain, liver/spleen, embryo and uterus tissue libraries.
Host / Isotype:	Mouse / IgG1
Clone:	Ne.Na
Immunogen:	Human AFP
Format:	Purification: Whole antisera Buffer System: 0.09% Sodium Azide
Applications:	Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections., Immunohistochemistry-Frozen Immunohistochemistry-Paraffin Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	, Recognizes human alpha fetoprotein, and shows positive staining of parenchymal cells of fetal liver and neoplastic liver cells showing yolk sac differentiation in germ cell tumors. Species: Human Others not tested.
Storage:	Store at 4C. Do not freeze.
General References:	

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

**Recommended
Isotype Controls:**

SM10P (for use in human samples), AM03095PU-N

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