

Polyclonal Antibody to Alpha-fetoprotein (AFP) - Purified

Alternate names:	Alpha-1-fetoprotein, Alpha-fetoglobulin, HPAFP
Catalog No.:	DP001-05
Quantity:	0.5 ml
Background:	Alpha 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.
Uniprot ID:	P02771
NCBI:	NP_001125.1
GeneID:	174
Host:	Rabbit
Immunogen:	Alpha-1-fetoprotein isolated from human cord serum.
Format:	State: Liquid antiserum Buffer System: containing sodium azide as preservative.
Applications:	Immunohistochemistry on formalin-fixed paraffin embedded sections: diluted of 1:50-1:150 in an ABC method (30 minutes at room temperature) Recommended Positive Control: Fetal liver Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with alpha-1-fetoprotein. A positive staining in the hepatocytes of fetal tissue was observed. Cellular Localization: Cytoplasmic Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	i) MacDonald et al. Clin Chim Acta 87: 367, 1978. ii) Jacobson et al. Am J Surg Pathol 5: 257, 1981.

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