

AFP

Rabbit Anti-Human alpha-Fetoprotein/AFP pAb

Catalog No.	PS076	Quantity:	1.0 mg
Alternate Names:	AFPD; FETA; HPAFP		
Description:	The rabbit polyclonal antibody recognizes 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.		
Gene ID:	174		
UniProtKB:	P02771		
Conjugate:	Unconjugated		
Specificity:	Human alpha-fetoprotein		
Host:	Rabbit		
Isotype:	IgG		
Immunogen:	Human alpha-fetoprotein (98% pure)		
Formulation:	Lyophilized, may contain traces of mannitol, dextran and buffer salts.		
Purity:	>95%		
Purification:	Rabbit antiserum was pre-absorbed by incubation with immobilized fractions of human plasma. The pre-absorbed fraction was then affinity purified on immobilized human alpha-fetoprotein.		
Reconstitution:	Centrifuge vial prior to opening. Add 1 mL sterile distilled water.		
Applications:	Antisera can be used to affinity purify human alpha-fetoprotein or in various immunoassays, to detect human alpha-fetoprotein.		
Application Notes:	The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store desiccated at 2-8 °C for up to one year. Upon reconstitution, store antibody at 2-8 °C for up to two weeks or in working aliquots at -20 °C to -80 °C for one year. Avoid repeated freeze-thaw cycles.		

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