

## Goat anti-alpha-fetoprotein (aa68-82) Antibody

<b>Item Number</b>	dAP-3122
<b>Target Molecule</b>	Principle Name: alpha-fetoprotein (aa68-82); Official Symbol: AFP; All Names and Symbols: AFP; alpha-fetoprotein; FETA; HPAFP; alpha-1-fetoprotein; alpha-fetoglobulin; Accession Number (s): NP_001125.1; Human Gene ID(s): 174; Non-Human GeneID(s):
<b>Immunogen</b>	KDALTAIEKPTGDEQ, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in lysates of cell line HepG2 (calculated MW of 68.7kDa according to NP_001125.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hung TM, Hu RH, Ho CM, Chiu YL, Lee JL, Jeng YM, Shih DT, Lee PH. Downregulation of alpha-fetoprotein expression by LHX4: a critical role in hepatocarcinogenesis. Carcinogenesis 2011 Dec 32 (12): 1815-23..PMID: 21965270->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**