

## Goat anti-Itih4 (mouse) Antibody

<b>Item Number</b>	dAP-2411
<b>Target Molecule</b>	Principle Name: Itih4 (mouse); Official Symbol: Itih4; All Names and Symbols: Itih4; inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein); H4P; IHRP; ITIHL1; PK120; ITI heavy chain H4; ITI-HC4; OTTMUSP0000032461; PK-120; gp120; inter-alpha-inhibitor heavy chain 4; inter-alpha-trypsin inhibitor family heav; Accession Number (s): NP_061216.2; NP_001152771.1; Human Gene ID(s): ; Non-Human GeneID(s): 16427 (mouse) 54404 (rat)
<b>Immunogen</b>	KPEGQQFQVAEKP, is from internal region This antibody is expected to recognize both reported isoforms (NP_002209.2; NP_001159921.1).
<b>Applications</b>	Pep ELISA, WB Species Tested: Rat
<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 32000.
<b>Western Blot</b>	Western Blot: Approx 100kDa band observed in Rat Liver lysates (calculated MW of 104kDa according to Rat NP_062242.2). Recommended concentration: 0.03-0.1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Tang Y, Kitisin K, Jogunoori W, Li C, Deng CX, Mueller SC, Ressom HW, Rashid A, He AR, Mendelson JS, Jessup JM, Shetty K, Zasloff M, Mishra B, Reddy EP, Johnson L, Mishra L, Progenitor/stem cells give rise to liver cancer due to aberrant TGF-beta and IL-6 signaling. Proceedings of the National

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 end users! This product is sold for **Research Use Only**