

Goat anti-LIS1 / PAFAH1B1 Antibody

Item Number	dAP-0094
Target Molecule	Principle Name: LIS1 / PAFAH1B1; Official Symbol: PAFAH1B1; All Names and Symbols: PAFAH1B1; LIS1; platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit 45kDa; MDCR; PAFAH; lissencephaly 1 protein; Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit; platelet-activating factor acetylhydrolase, isoform I; Accession Number (s): NP_000421.1; Human Gene ID(s): 5048; Non-Human GeneID(s):
Immunogen	TGSVDQTVKVWECR, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Ovary and in Rat Ovary lysates (calculated MW of 46.6kDa according to Human NP_000421.1 and to Rat NP_113951.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex), Thyroid and Pancreas. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Reiner O, Bar-Am I, Sapir T, Shmueli O, Carrozzo R, Lindsay EA, Baldini A, Ledbetter DH, Cahana A. LIS2, gene and pseudogene, homologous to LIS1 (lissencephaly 1), located on the short and long arms of chromosome 2. Genomics. 1995 Nov 20;30(2):251-6..PMID: 8586424->

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**