

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05439 - Goat Anti-LIS1 / PAFAH1B1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PAFAH1B1, LIS1, platelet-activating factor acetylhydrolase, isoform lb, alpha subunit 45kDa, MDCR, PAFAH, lissencephaly 1 protein, Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit, platelet-activating factor acetylhydrolase, isoform lb, alpha subunit (45kD), platelet-activating factor acetylhydrolase, isoform lb,

subunit 1 (45kDa), LIS2, MDS **Official Symbol:** PAFAH1B1

Accession Number(s): NP_000421.1

Human GeneID(s): 5048

Immunogen

Peptide with sequence TGSVDQTVKVWECR, from the C Terminus of the protein sequence according to NP_000421.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

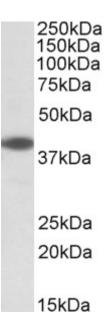
Western blot: Approx 40kDa band observed in Human Lung and Brain (Cerebellum) and in Rat Ovary lysates (calculated MW of 46.6kDa according to Human NP_000421.1 and to Rat NP_113951.1). Recommended concentration: 0.3-1µg/ml.

IHC: Paraffin embedded Human Brain (Cortex), Thyroid and Pancreas. Recommended concentration: 3.75µg/ml.

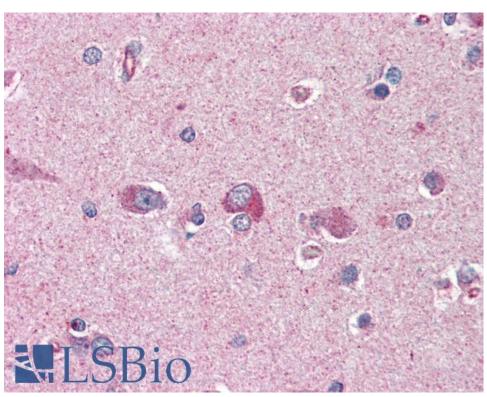
Species Reactivity

Tested: Human, Rat

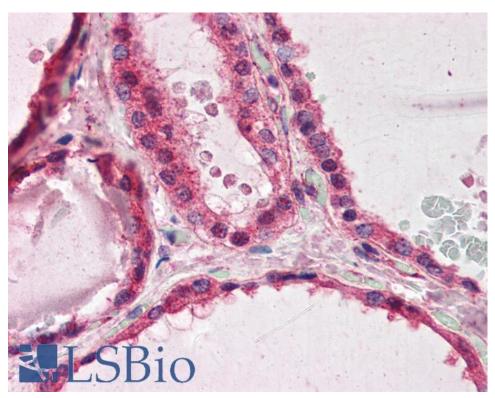
Expected from sequence similarity: Human, Rat



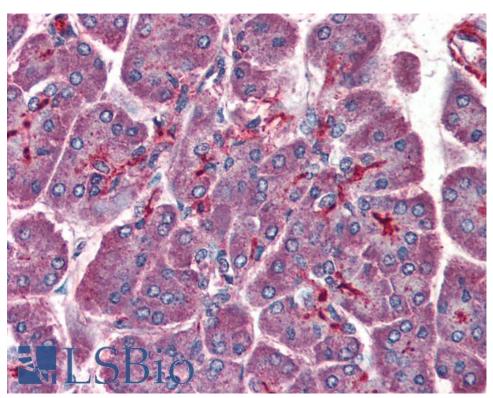
EB05439 (0.3 μ g/ml) staining of Rat Ovary lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB05439 (3.75 μ g/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB05439 (3.75 μ g/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



 $EB05439~(3.75\mu g/ml)~staining~of~paraffin~embedded~Human~Pancreas.~Steamed~antigen~retrieval~with~citrate~buffer~Ph~6,~AP-staining.$