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**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 1b, alpha subunit 45kDa, MDCR, PAFAH, lissencephaly 1 protein, Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit, platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit (45kD), platelet-activating factor acetylhydrolase, isoform 1b, subunit 1 (45kDa), LIS2, MDS

Official Symbol: PAFAH1B1

Accession Number(s): NP_000421.1

Human GeneID(s): [5048](#)

Immunogen

Peptide with sequence TGSVDQTVKWECD, 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.

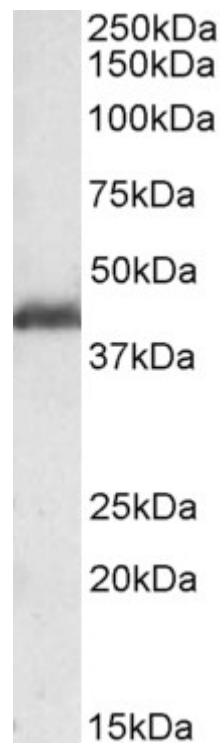
Western blot: Approx 40kDa band observed in Human Ovary and in Rat Ovary lysates (calculated MW of 46.6kDa according to Human NP_000421.1 and to Rat NP_113951.1). Recommended concentration: 0.1-0.3µg/ml.

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

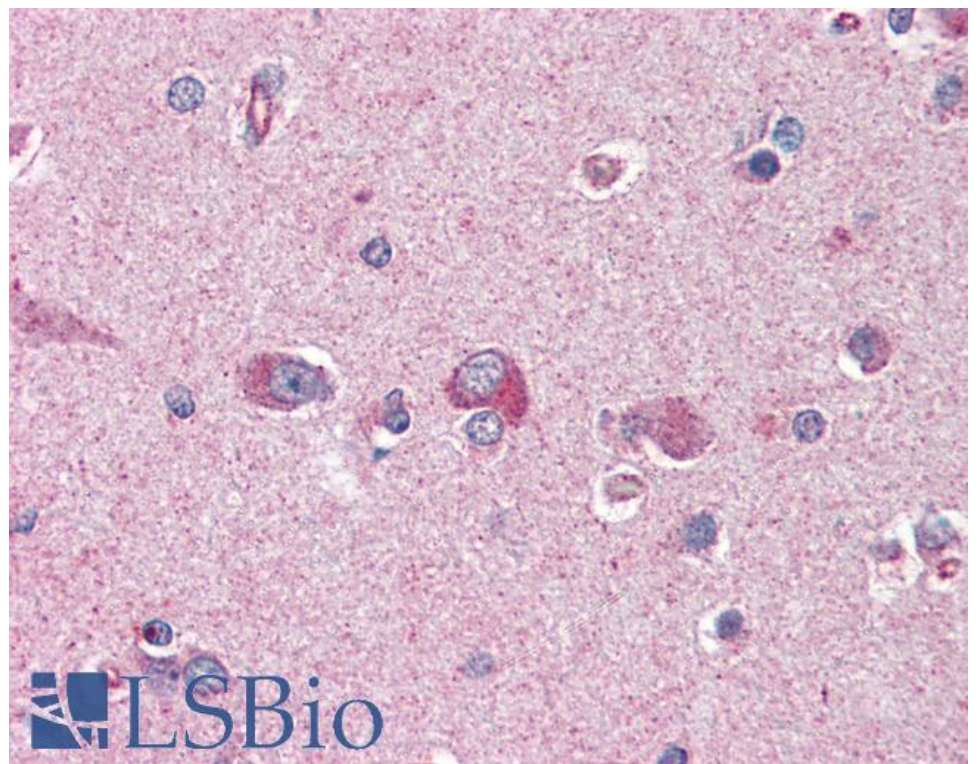
Species Reactivity

Tested: Human, Rat

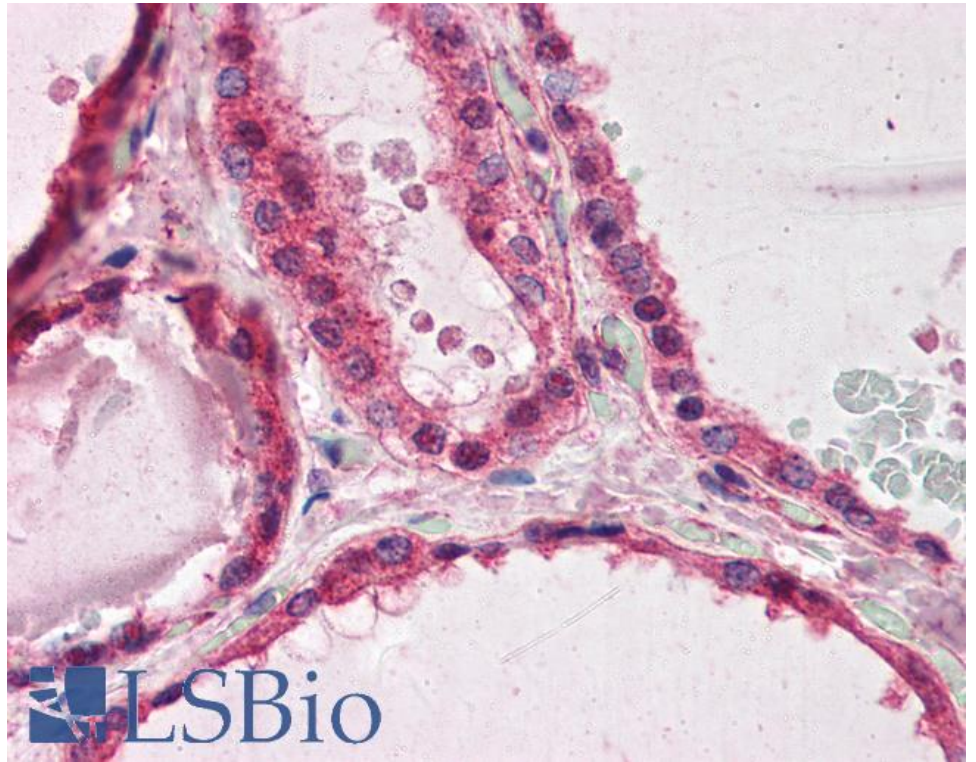
Expected from sequence similarity: Human, Rat



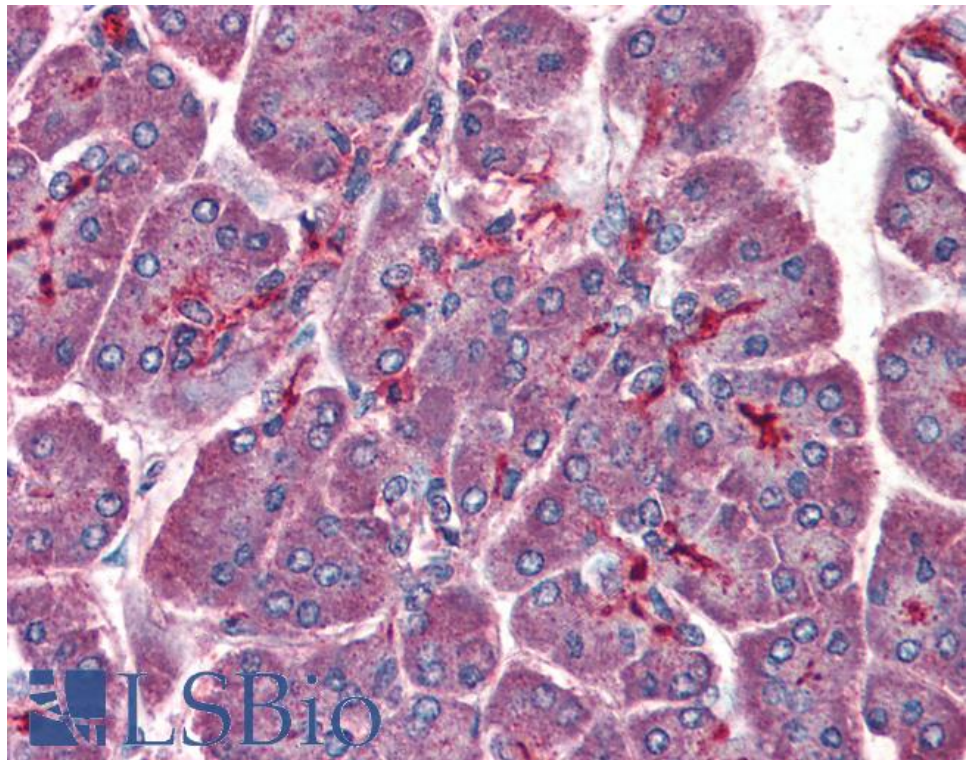
EB05439 (0.1µg/ml) staining of Rat Ovary lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



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



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



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