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EB12236 - Goat Anti-ENPP2 / AUTOTAXIN (aa698-712) Antibody

Size: 100µg specific antibody in 200µl

Plite

Target Protein

Principal Names: ENPP2, ectonucleotide pyrophosphatase/phosphodiesterase 2, ATX, ATX-X, AUTOTAXIN, LysoPLD, NPP2, PD-IALPHA, PDNP2, E-NPP 2, autotaxin-t, ectonucleotide pyrophosphatase/phosphodiesterase family member 2, extracellular lysophospholipase D, phosphodiesterase Official Symbol: ENPP2 Accession Number(s): NP_006200.3; NP_001035181.1, NP_001124335.1 Human GeneID(s): <u>5168</u> Important Comments: This antibody is expected to recognize iall reported isoforms (NP_006200.3; NP_001035181.1, NP_001124335.1).

Immunogen

Peptide with sequence PDHLTSCVRPDVRVS, from the internal region of the protein sequence according to NP_006200.3; NP_001035181.1, NP_001124335.1.

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

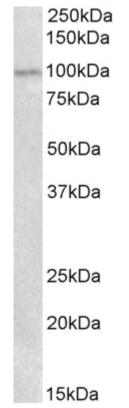
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 100kDa band observed in Human Placenta lysates (calculated MW of 105kDa according to NP_006200.3). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

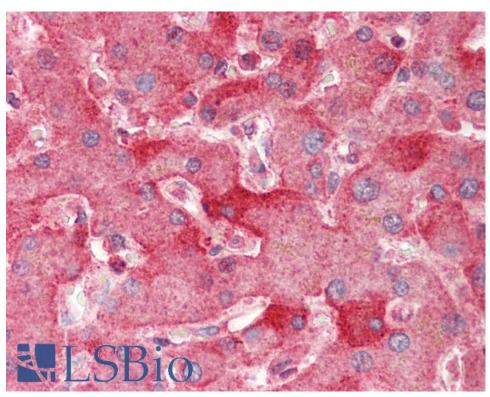
IHC: Paraffin embedded Human Liver and Brain (Cortex). Recommended concentration: 5µg/ml.

Species Reactivity

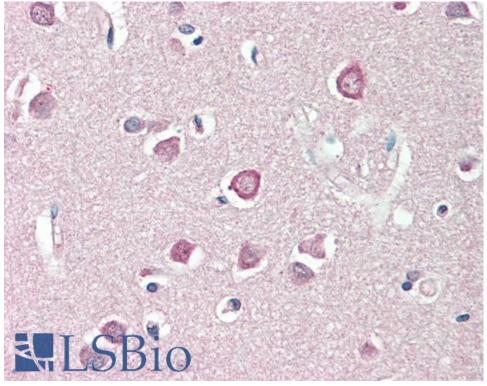
Tested: Human Expected from sequence similarity: Human



EB12236 (0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12236 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12236 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.