



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

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

Size: 100µg specific antibody in 200µl



### 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):** [5168](#)

**Important Comments:** This antibody is expected to recognize all 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.

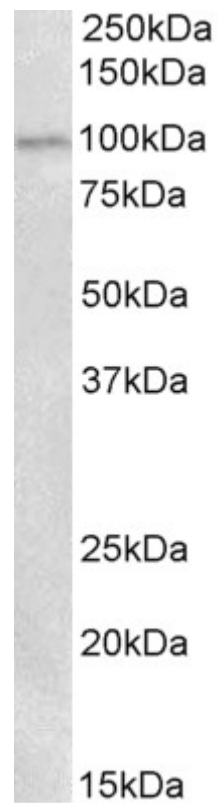
**Western blot:** Approx 100kDa band observed in Human Placenta lysates (calculated MW of 105kDa according to NP\_006200.3). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

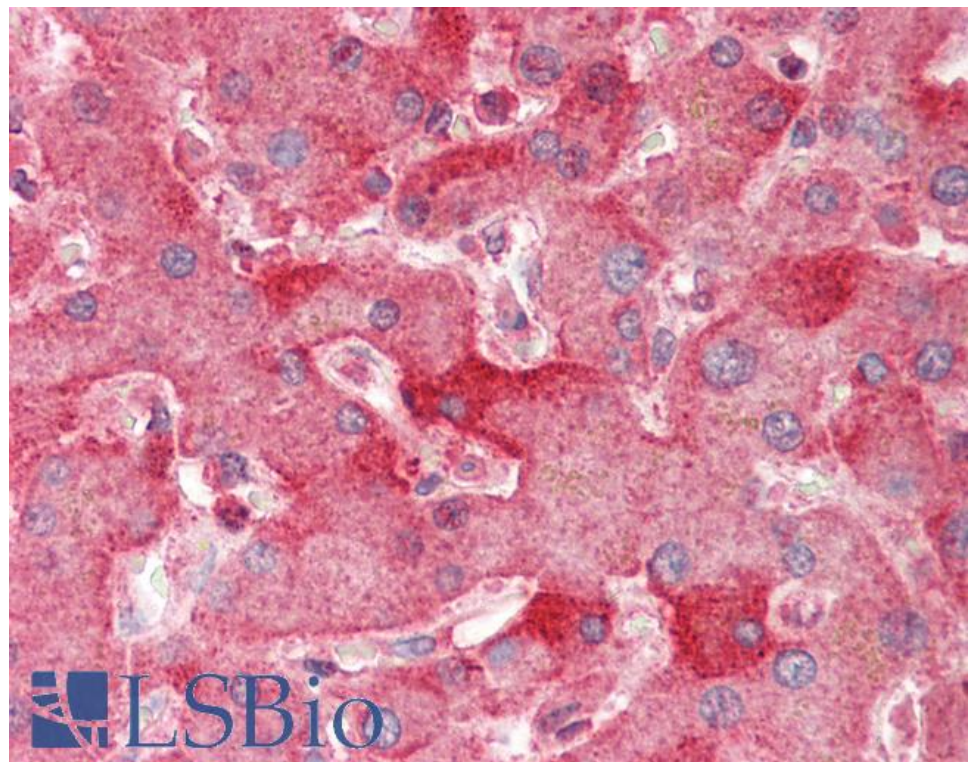
### Species Reactivity

**Tested:** Human

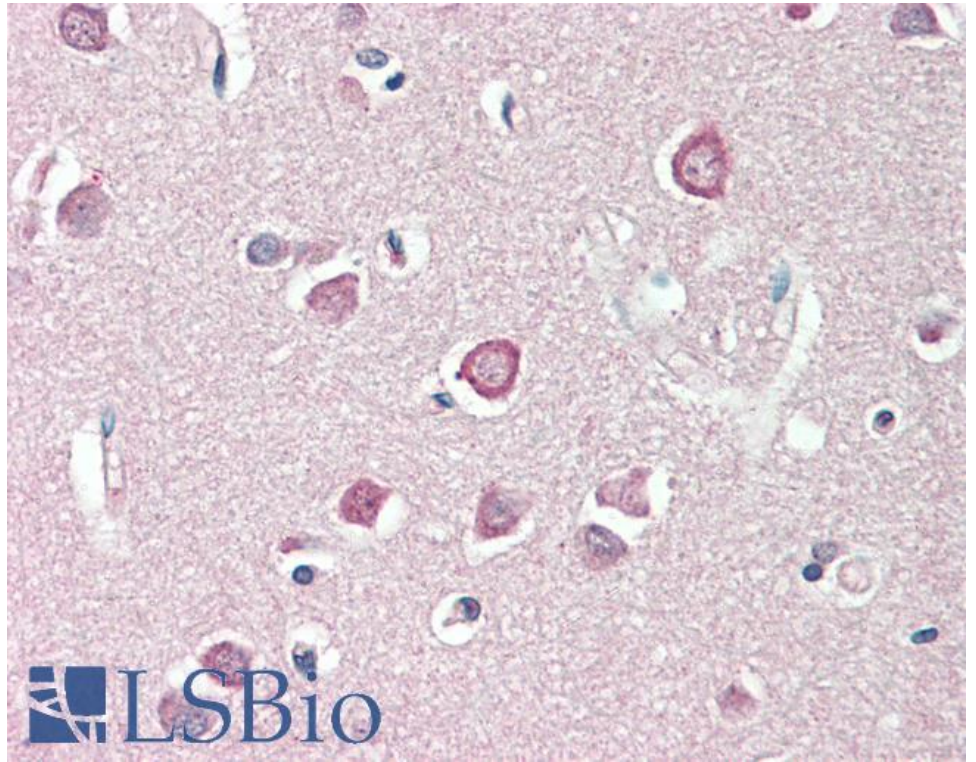
**Expected from sequence similarity:** Human



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



EB12236 (5 $\mu$ g/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.