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Research Use Only. Not for diagnostic or therapeutic use.

EB07031 - Goat Anti-NOTCH3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NOTCH3, Notch homolog 3 (Drosophila), HGNC:7883, CADASIL, CASIL, Notch (Drosophila) homolog 3, Notch homolog 3 Official Symbol: NOTCH3 Accession Number(s): NP_000426.2 Human GenelD(s): <u>4854</u>

Immunogen

Peptide with sequence C-QLGPQPEVTPKRQ, from the C Terminus of the protein sequence according to NP_000426.2.

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

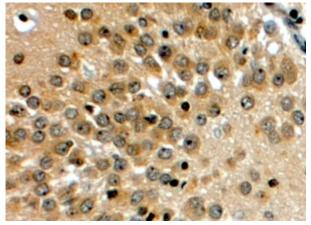
Peptide ELISA: antibody detection limit dilution 1:16000.

IHC: In paraffin embedded Human Hippocampus shows select nuclear staining and weaker staining in different comparments of the neuronal cell bodies. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.

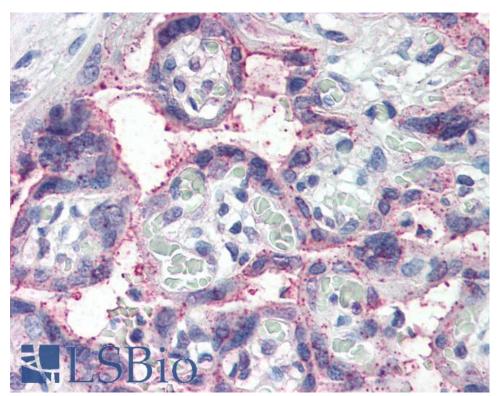
Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

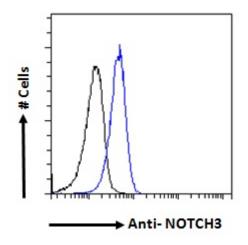
Tested: Human Expected from sequence similarity: Human, Mouse, Rat



EB07031 (4µg/ml) staining of paraffin embedded Human Hippocampus. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



EB07031 (5µg/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



Auto-generated 01/05/2024

EB07031 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.