

#### **International Office**

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# EB07031 - Goat Anti-NOTCH3 Antibody

Size: 100µg specific antibody in 200µl

# **Plus**

## **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**

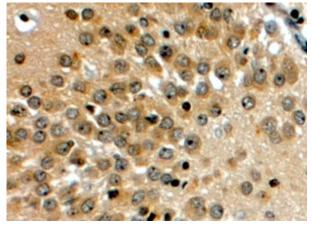
Peptide ELISA: antibody detection limit dilution 1:16000.

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

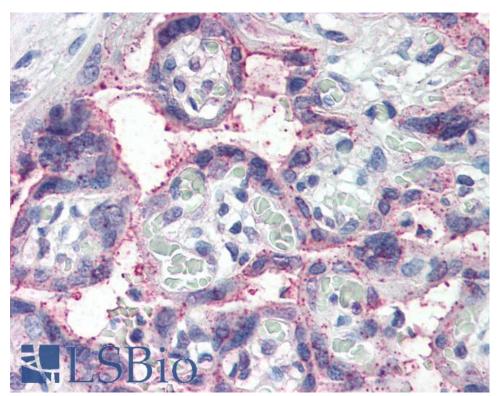
**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

#### **Species Reactivity**

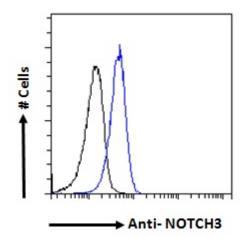
Tested: Human Expected from sequence similarity: Human, Mouse, Rat



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.



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.