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Research Use Only. Not for diagnostic or therapeutic use.

EB10784 - Goat Anti-NOTCH1 (aa171-182) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NOTCH1, notch 1, TAN1, hN1, Notch homolog 1, translocation-associated, neurogenic locus notch homolog protein 1,

translocation-associated notch protein TAN-1

Official Symbol: NOTCH1

Accession Number(s): NP_060087.3

Human GenelD(s): 4851

Non-Human GenelD(s): 18128 (mouse), 25496 (rat)

Immunogen

Peptide with sequence HGPTCRQDVNEC, from the N Terminus (near) of the protein sequence according to NP_060087.3.

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 1:8000.

IHC: Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml.

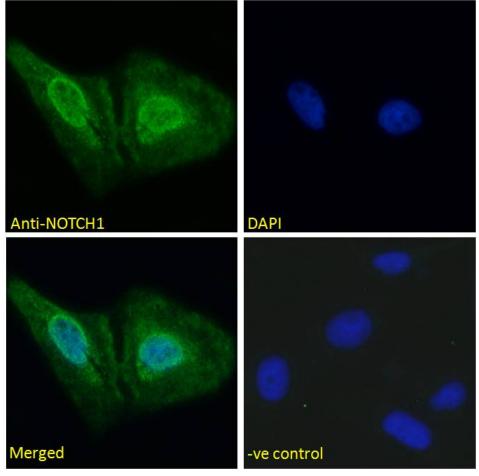
Immunofluorescence: Strong expression of the protein seen in the nucleus of U2OS

cells. Recommended concentration: 5µg/ml.

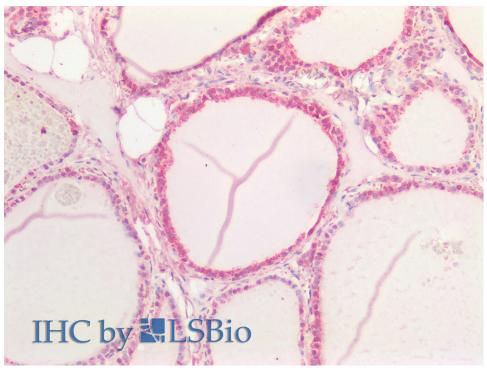
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB10784 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10784 (5µg/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.