

**NOTCH3 polyclonal antibody**

Catalog: BS7500

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes the third discovered human homologue of the Drosophila melanogaster type I membrane protein notch. In Drosophila, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signalling pathway that plays a key role in neural development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remains to be determined. Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

90kDa/280kDa

Swiss-Prot:

Q9UM47

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:200 - 1:1000|IF/ICC,1:50 - 1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of extracts of 293T cells, using NOTCH3 antibody at 1:400 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit .
Exposure time: 90s.

Immunofluorescence analysis of NIH/3T3 cells using NOTCH3 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.

Immunofluorescence analysis of PC-12 cells using NOTCH3 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.

Immunofluorescence analysis of U2OS cells using NOTCH3 Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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