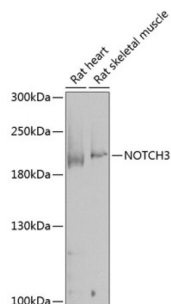
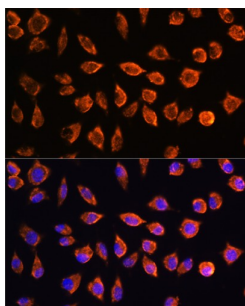


Neurogenic Locus Notch Homolog Protein 3 (NOTCH3) Antibody

Catalogue No.: abx000900



Western blot analysis of various lysates using NOTCH3 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 15s.



Immunofluorescence analysis of L929 cells using NOTCH3 Antibody at dilution of 1/100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

NOTCH3 Antibody is a Rabbit Polyclonal antibody against NOTCH3. NOTCH3 belongs to the NOTCH family. It functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBP-J kappa and activates genes of the enhancer of split locus. NOTCH3 affects the implementation of differentiation, proliferation and apoptotic programs. Defects in NOTCH3 are the cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). The antibody is specific to NOTCH3.

Target: Neurogenic Locus Notch Homolog Protein 3 (NOTCH3)

Clonality: Polyclonal

Reactivity: Mouse, Rat

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 751-850 of human NOTCH3.

Isotype: IgG

Datasheet

Version: 5.0.0

Revision date: 02 Jun 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9UM47 (UniProt , ExPASy)
Gene Symbol:	NOTCH3
GeneID:	4854
NCBI Accession:	NP_000426.2
String:	9606.ENSP00000263388
Molecular Weight:	Calculated MW: 244 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	3.36 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.