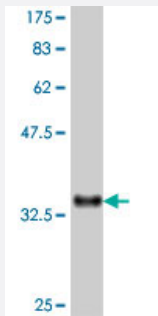


NOTCH3 polyclonal antibody (A01)

Catalog # H00004854-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NOTCH3.
Immunogen	NOTCH3 (NP_000426, 47 a.a. ~ 156 a.a) partial recombinant protein with GST tag.
Sequence	SPCANGGRCTQLPSREAACLCPPGWVGERCQLEDPC HSGPCAGRGVCQSSVVAGTARFSCR CPRGFRGPDCSLPDCLSSPCAHGARCSVGPDGRFLCSCPPGYQGRSCR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NOTCH3

Entrez GeneID [4854](#)

GeneBank Accession# [NM_000435](#)

Protein Accession# [NP_000426](#)

Gene Name NOTCH3

Gene Alias CADASIL, CASIL

Gene Description Notch homolog 3 (Drosophila)

Omim ID [125310 600276](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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). [provided by RefSeq]

Other Designations Notch homolog 3

Pathway

- [Dorso-ventral axis formation](#)
- [Notch signaling pathway](#)

Disease

- [Brain Infarction](#)

- [Brain Ischemia](#)
- [CADASIL](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Dominance](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Ischemic Attack](#)
- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Neuropsychological Tests](#)
- [Ovarian Neoplasms](#)
- [Periodontal Diseases](#)
- [Schizophrenia](#)