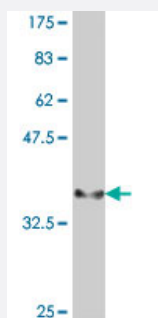


NOTCH2 polyclonal antibody (A01)

Catalog # H00004853-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NOTCH2.
Immunogen	NOTCH2 (NP_077719, 27 a.a. ~ 136 a.a) partial recombinant protein with GST tag.
Sequence	QCRDGYEPCVNNEGMCVTYHNGTGYCKCPEGFLGEYCQHRDPCEKNRCQNGGTCVAQAMLGKA TCRCASGFTGEDCQYSTSHPCFVSRPCLNGGTCHMLSRDTYECTCQVG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
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 — NOTCH2

Entrez GeneID [4853](#)

GeneBank Accession# [NM_024408](#)

Protein Accession# [NP_077719](#)

Gene Name NOTCH2

Gene Alias AGS2, hN2

Gene Description Notch homolog 2 (Drosophila)

Omim ID [600275 610205](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a member of the Notch family. Members of this Type 1 transmembrane protein family share structural characteristics including an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple, different domain types. Notch family members play a role in a variety of developmental processes by controlling cell fate decisions. The Notch signaling network is an evolutionarily conserved intercellular signaling pathway which regulates interactions between physically adjacent cells. In Drosophila, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signaling pathway that plays a key role in development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologue remain to be determined. This protein is cleaved in the trans-Golgi network, and presented on the cell surface as a heterodimer. This protein functions as a receptor for membrane bound ligands, and may play a role in vascular, renal and hepatic development. [provided by RefSeq]

Other Designations OTTHUMP00000014035|OTTHUMP00000059536|notch 2

Pathway

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

Disease

- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Dominance](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Obesity](#)
- [Prediabetic State](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)