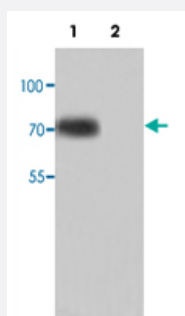


NOTCH2 polyclonal antibody

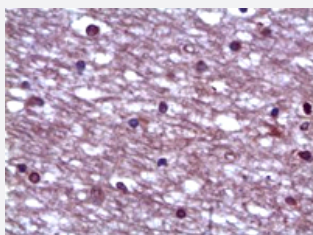
Catalog # PAB19843 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of human fetal brain with NOTCH2 polyclonal antibody (Cat # PAB19843) at 1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human brain showing staining with NOTCH2 polyclonal antibody (Cat # PAB19843) at 1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NOTCH2.
Immunogen	A synthetic peptide corresponding to amino acids 1719-1733 of human NOTCH2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:160000) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In serum (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of human fetal brain with NOTCH2 polyclonal antibody (Cat # PAB19843) at 1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — NOTCH2

Entrez GeneID	4853
Protein Accession#	Q04721
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](#)