

NOTCH2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51395**Specification**

NOTCH2 Antibody - Product Information

Application	WB, E
Primary Accession	Q04721
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79 KDa

NOTCH2 Antibody - Additional Information**Gene ID** 4853**Other Names**

Neurogenic locus notch homolog protein 2, Notch 2, hN2, Notch 2 extracellular truncation, Notch 2 intracellular domain, NOTCH2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NOTCH2. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

NOTCH2 Antibody - Protein Information**Name** NOTCH2 ([HGNC:7882](#))**Function**

Functions as a receptor for membrane-bound ligands Jagged-1 (JAG1), Jagged-2 (JAG2) and Delta-1 (DLL1) to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus (PubMed:21378985, PubMed:21378989). Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity). Involved in bone remodeling and homeostasis. In collaboration with RELA/p65 enhances NFATc1 promoter

activity and positively regulates RANKL-induced osteoclast differentiation (PubMed:29149593). Positively regulates self-renewal of liver cancer cells (PubMed:25985737).

Cellular Location

[Notch 2 extracellular truncation]: Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in the brain, heart, kidney, lung, skeletal muscle and liver. Ubiquitously expressed in the embryo

NOTCH2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NOTCH2 Antibody - Images**NOTCH2 Antibody - Background**

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NOTCH2 Antibody - References

Blaumueller C.M.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Correa R.G.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Lemasson I.,et al.Submitted (NOV-1996) to the EMBL/GenBank/DDBJ databases.
Stifani S.,et al.Nat. Genet. 2:119-127(1992).