

NOTCH2 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2473a**Specification**

NOTCH2 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q04721
Other Accession	NP_077719.2 , 4853
Predicted	Human, Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	265405

NOTCH2 Antibody (internal region) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NOTCH2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NOTCH2 Antibody (internal region) - 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 (internal region) - 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 (internal region) - Images**NOTCH2 Antibody (internal region) - References**

Regulation of CD23 expression by Notch2 in B-cell chronic lymphocytic leukemia. Schwarzmeier JD, Hubmann R, Duchler M, Jager U, Shehata M. Leuk Lymphoma. 2005 Feb;46(2):157-65. Review. PMID: 15621797