

Rabbit NOTCH2 Polyclonal Antibody | anti-NOTCH2 antibody

NOTCH2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197444	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

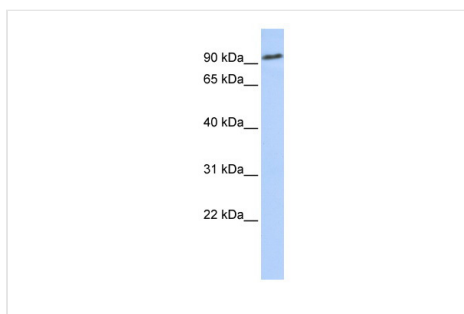
PRODUCT SYNONYMS

NOTCH2; Polyclonal Antibody; NOTCH2 antibody - middle region; anti-NOTCH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: FP ASVGKYPTPP SQHSYASSNA AERTPSHSGH LQGEHPYLTP SPESPDQW
Sequence Length	2471
Applicable Applications for anti-NOTCH2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NOTCH2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NOTCH2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: 721_B cell lysate There is BioGPS gene expression data showing that NOTCH2 is expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-NOTCH2 antibody	This is a rabbit polyclonal antibody against NOTCH2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NOTCH2 is a member of the Notch family. 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 homologues remain to be determined. NOTCH2 is cleaved in the trans-Golgi network, and presented on the cell surface as a heterodimer. NOTCH2 functions as a receptor for membrane bound ligands, and may play a role in vascular, renal and hepatic development. 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 homologues 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-NOTCH2 antibody	Polyclonal ; Transcription Factor ; Neurobiology ; Signal Proteins ; Transcription Regulation ; Cell Cycle Proteins ; Lymphocyte Signaling ; Membrane Protein ; Transcription Regulation ; Cardiovascular ; Developmental Biology ; Signal Transduction ; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041035
NCBI GeneID	4853
NCBI Accession #	NP_077719
NCBI GenBank Nucleotide #	NM_024408
UniProt Accession #	Q04721
Molecular Weight	85kDa
NCBI Official Full Name	neurogenic locus notch homolog protein 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	notch receptor 2
NCBI Official Symbol	NOTCH2
NCBI Official Synonym Symbols	hN2; AGS2; HJCYS
NCBI Protein Information	neurogenic locus notch homolog protein 2
UniProt Protein Name	Neurogenic locus notch homolog protein 2
UniProt Gene Name	NOTCH2
UniProt Synonym Gene Names	Notch 2; hN2
UniProt Entry Name	NOTC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.