

Rabbit NOTCH1 Polyclonal Antibody | anti-NOTCH1 antibody

NOTCH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198468	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Western Blot

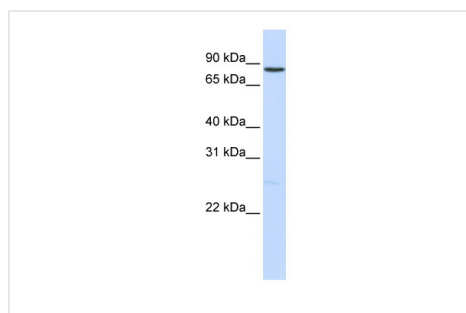
PRODUCT SYNONYMS

NOTCH1; Polyclonal Antibody; NOTCH1 antibody - middle region; anti-NOTCH1 antibody

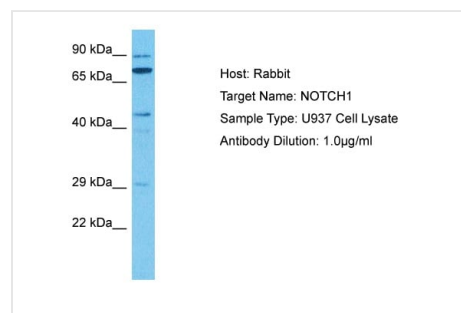
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Specificity	Antibody recognizes 88 kDa for Notch1 intracellular domain.
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 located within the following region: EH PFLTPSPESP DQWSSSSPHS NVSDWSEGVSPPTSMQSQI ARIPEAFK
Sequence Length	2555
Applicable Applications for anti-NOTCH1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 79%; Rat: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NOTCH1
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

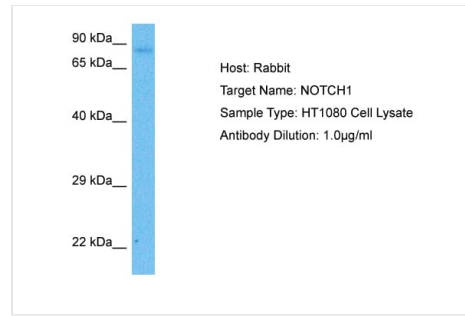
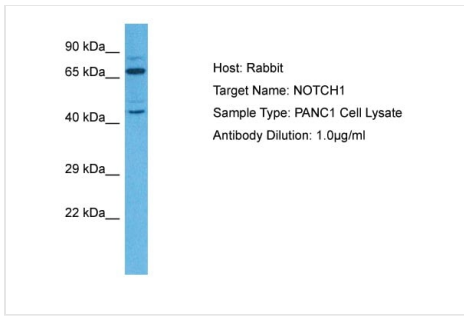


WB (Western Blot)

WB Suggested Anti-NOTCH1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: 293T cell lysate


WB (Western Blot)

Host: Rabbit
Target Name: NOTCH1
Sample Tissue: Human U937 Whole Cell
Antibody Dilution: 1ug/ml

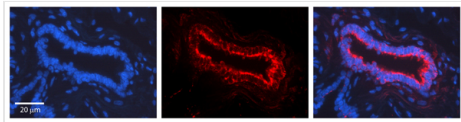


WB (Western Blot)

Host: RabbitTarget Name: NOTCH1Sample Tissue: Human PANC1 Whole CellAntibody Dilution: 1ug/ml

WB (Western Blot)

Host: RabbitTarget Name: NOTCH1Sample Tissue: Human HT1080 Whole CellAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-NOTCH1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Lung
TissueObserved Staining: Plasma membranePrimary Antibody Concentration: 1:100Other
Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary
Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-NOTCH1 antibody

This is a rabbit polyclonal antibody against NOTCH1. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: NOTCH1 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. 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 multiple roles during 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 multiple roles during 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-NOTCH1 antibody

Polyclonal; Signal Proteins; Lymphocyte Signaling; Transcription Regulation; Developmental Biology; Immunology; Signal Transduction; Membrane & Traffic; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	148833508
NCBI GeneID	4851
NCBI Accession #	NP_060087
NCBI GenBank Nucleotide #	NM_017617
UniProt Accession #	P46531
Molecular Weight	88kDa

NCBI Official Full Name	neurogenic locus notch homolog protein 1 preproprotein
NCBI Official Synonym Full Names	notch receptor 1
NCBI Official Symbol	NOTCH1
NCBI Official Synonym Symbols	hN1; AOS5; TAN1; AOVD1
NCBI Protein Information	neurogenic locus notch homolog protein 1
UniProt Protein Name	Neurogenic locus notch homolog protein 1
UniProt Gene Name	NOTCH1
UniProt Synonym Gene Names	TAN1; Notch 1; hN1; NICD
UniProt Entry Name	NOTC1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/notch1-antibody-western-blot-elisa/198468>