

Rabbit NOTCH2 / NOTCH-2 Polyclonal Antibody | anti-NOTCH2 antibody

Rabbit Polyclonal to Human NOTCH2 / NOTCH-2

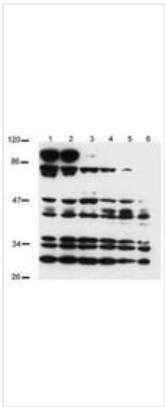
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50740	Rabbit	Chimpanzee, Dog, Human	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

NOTCH2 / NOTCH-2; Polyclonal Antibody; Rabbit Polyclonal to Human NOTCH2 / NOTCH-2; Anti-NOTCH2 / NOTCH-2 Antibody (aa2396-2409) IHC-plus; NOTCH2; AGS2; HN2; Notch (Drosophila) homolog 2; Notch homolog 2 (Drosophila); Notch 2; Notch homolog 2; HJCYS; Human NOTCH2; NOTCH-2; anti-NOTCH2 antibody

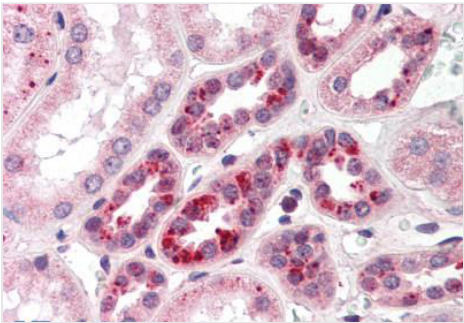
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chimpanzee, Dog, Human
Clonality	Polyclonal
Specificity	Amino acid residues 2396-2409 of human Notch 2 (the total protein is 2471 aa). A residue of cysteine was added to the amino terminal end to facilitate coupling.
Purity/Purification	Sterile filtered
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.1% sodium azide.
Concentration	75 mg/ml (varies by lot)
Sequence Length	2471
Applicable Applications for anti-NOTCH2 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human NOTCH2.
Immunogen Type	Synthetic peptide
Immunogen	NOTCH2 / NOTCH-2 antibody was raised against synthetic peptide from human NOTCH2.
Antigen Modification	aa2396-2409
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.



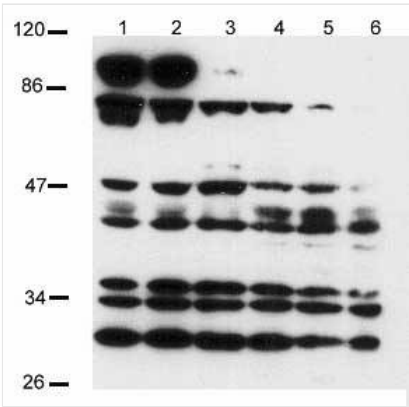
WB (Western Blot)

Anti-Notch 2 Antibody - Western Blot. Western blot of anti-Notch 2 (intra) antibody shows detection of a band at ~110 kD corresponding to active Notch 2 protein (arrowhead). Western Blot analysis was performed for Notch 2 expression using 100 ug of total protein lysate obtained from human mesothelial SV40 cells transfected with a plasmid encoding a constitutively active Notch 2 (intra cellular Notch 2). Lanes 1-3 contain lysate 24 h (1), 48 h (2), and 72 h (3) post transfection. Lanes 4-6 are the corresponding control cells (untransfected) taken at similar time points. The band at about 110kD represents active Notch 2. This band is not seen in the control cell. The intracellular domain of Notch 2 has a predicted band size of 110kD, corresponding to this band. Protein cell lysates were run on a 10% SDS-page gel, blotted onto Hybond C membrane, blocked overnight in PBS-Tween 20 supplemented with 5% Non-fat Milk and probed with anti-Notch 2 at a 1:400 dilution. ECL was used as visualization method.



IHC (Immunohistochemistry)

Anti-NOTCH2 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:500.



WB (Western Blot)

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NCBI AND UNIPROT INFORMATION

NCBI GI #	24041035
NCBI GeneID	4853
NCBI Accession #	NP_077719.2
NCBI GenBank Nucleotide #	NM_024408.3
UniProt Accession #	Q04721; Q5T3X7; Q99734; Q9H240
Molecular Weight	265,405 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	notch 2
NCBI Official Symbol	NOTCH2
NCBI Official Synonym Symbols	hN2; AGS2; HJCYS

NCBI Protein Information	neurogenic locus notch homolog protein 2; Notch homolog 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/notch2-notch-2-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/50740>