

Rabbit anti-Human, Mouse Notch2 Polyclonal Antibody | anti-Notch2 antibody

Rabbit polyclonal to Human Notch2

CATALOG # AAA36678	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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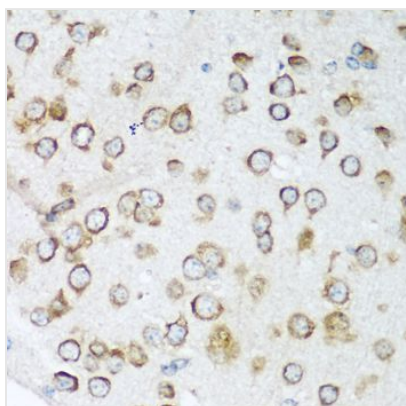
PRODUCT SYNONYMS

Notch2; Polyclonal Antibody; Rabbit polyclonal to Human Notch2; Notch2 Rabbit pab Antibody; anti-Notch2 antibody

PRODUCT SPECIFICATIONS

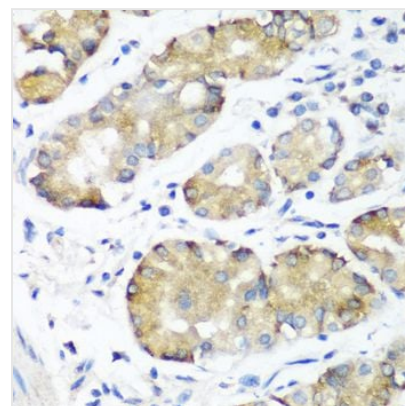
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence Length	1235
Applicable Applications for anti-Notch2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human Notch2
Storage Buffer	PBS with 0.1% Sodium Azide, 50% Glycerol
Preparation and Storage	Upon delivery aliquot and store at -20 degree C or -80 degree C

IMAGES



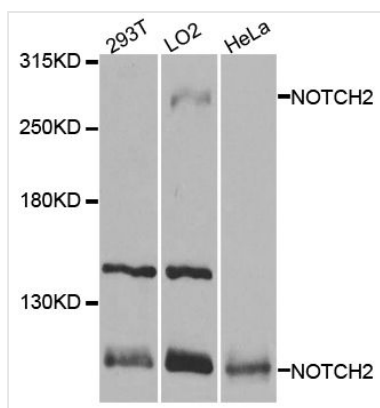
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using NOTCH2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using NOTCH2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NOTCH2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-Notch2 antibody	Notch1 is a transmembrane protein functioning in development and the determination of cell fate (1). During maturation, the notch molecule is cleaved by a furin-like convertase at its extracellular domain (2). Upon binding to a ligand such as Delta1, or upon extracellular calcium depletion, the carboxy-terminal notch1 fragment is released and further cleaved between Gly1743 and Val1744 (3,4). The resulting activated cytosolic fragment translocates to the nucleus where it activates transcription. Notch2 is a member of Notch family and mutation in Notch2 is associated with Alagille syndrome (5).
References	1. Artavanis-Tsakonas, S. et al. (1999) Science 284, 770-6. 2. Chan, Y.M. and Jan, Y.N. (1998) Cell 94, 423-6. 3. Schroeter, E.H. et al. (1998) Nature 393, 382-6. 4. Rand, M.D. et al. (2000) Mol Cell Biol 20, 1825-35. 5. McDaniell, R. et al. (2006) Am J Hum Genet 79, 169-73.

NCBI AND UNIPROT INFORMATION

NCBI GI #	317008611
NCBI GeneID	4853
NCBI Accession #	NP_001186930.1
NCBI GenBank Nucleotide #	NM_001200001.1
UniProt Accession #	Q04721 ; Q5T3X7 ; Q99734 ; Q9H240
Molecular Weight	265,405 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 2 isoform 2
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-antibody-western-blot-elisa/36678>