

Rabbit anti-Human NOTCH4 Polyclonal Antibody | anti-NOTCH4 antibody

NOTCH4 Polyclonal Antibody

CATALOG # AAA176786	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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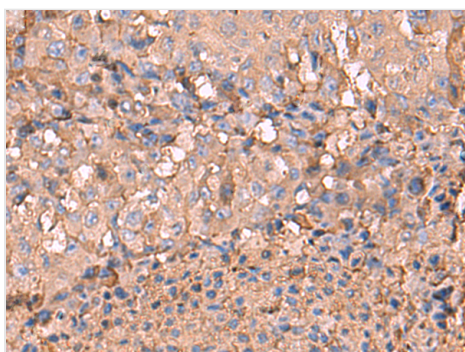
PRODUCT SYNONYMS

NOTCH4; Polyclonal Antibody; NOTCH4 Polyclonal Antibody; FLJ16302; HNotch 4; HNotch4; INT3; Neurogenic locus notch homolog protein 4; NOTC4; Notch 4; Notch 4 intracellular domain; Notch homolog 4; NOTCH3; Notch4; NOTCH4 protein; anti-NOTCH4 antibody

PRODUCT SPECIFICATIONS

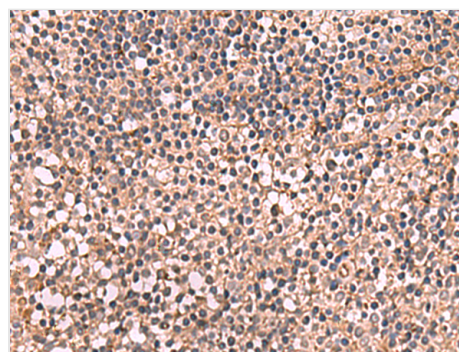
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.9mg/mL (varies by lot)
Sequence Length	2003
Applicable Applications for anti-NOTCH4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human NOTCH4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



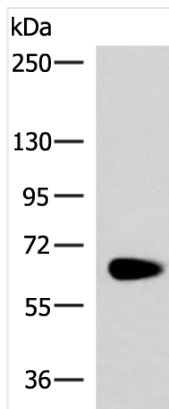
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NOTCH4 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using NOTCH4 Polyclonal Antibody at dilution of 1:30(×200)



WB (Western Blot)
 Western blot analysis of Human left kidney paracancerous tissue lysate using NOTCH4 Polyclonal Antibody at dilution of 1:800

ADDITIONAL INFORMATION

Related Product Information for anti-NOTCH4 antibody	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 <i>Drosophila</i>, 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. This gene may be associated with susceptibility to schizophrenia in a small portion of cases. An alternative splice variant has been described but its biological nature has not been determined.
Product Categories/Family for anti-NOTCH4 antibody	Cancer; Cardiovascular; Epigenetics and Nuclear Signaling; Stem cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770876
NCBI GeneID	4855
NCBI Accession #	NP_004548.3
NCBI GenBank Nucleotide #	NP_004548.3
UniProt Accession #	Q99466
Molecular Weight	210 kDa
NCBI Official Full Name	neurogenic locus notch homolog protein 4 preproprotein
NCBI Official Synonym Full Names	notch receptor 4
NCBI Official Symbol	NOTCH4
NCBI Official Synonym Symbols	INT3
NCBI Protein Information	neurogenic locus notch homolog protein 4
UniProt Protein Name	Neurogenic locus notch homolog protein 4
UniProt Gene Name	NOTCH4
UniProt Synonym Gene Names	INT3; Notch 4; hNotch4

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/notch4-antibody-immunohistochemistry-western-blot-elisa/176786>