

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

NOTCH4 Antibody

CATALOG # AAA306869	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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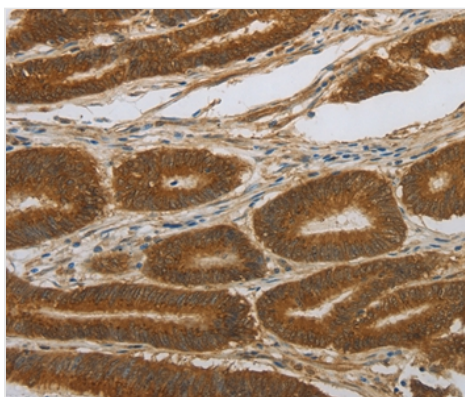
PRODUCT SYNONYMS

NOTCH4; Polyclonal Antibody; NOTCH4 Antibody; INT3; NOTCH3; anti-NOTCH4 antibody

PRODUCT SPECIFICATIONS

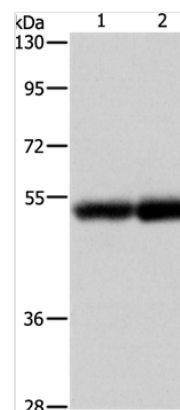
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NOTCH4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2003
Applicable Applications for anti-NOTCH4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Notch 4
Target Name	NOTCH4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human liver cancer and kidney tissue
Amount of lysate: 40ug per lane Primary antibody: 1/500 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

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 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. 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770876
NCBI GeneID	4855
NCBI Accession #	NP_004548.3
NCBI GenBank Nucleotide #	NM_004557.3
UniProt Accession #	Q99466; O00306; Q5SSY7; Q99458; Q99940; Q9H3S8; Q9UII9; Q9UIJ0; B0V183; B0V1X5
Molecular Weight	39,617 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 4 preproprotein
NCBI Official Synonym Full Names	notch 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
UniProt Entry Name	NOTC4_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://www.aaabiotech.com/polyclonal/notch4-antibody-immunohistochemistry-western-blot-elisa/306869>