

Rabbit NOTCH3 Polyclonal Antibody | anti-NOTCH3 antibody

NOTCH3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307261	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

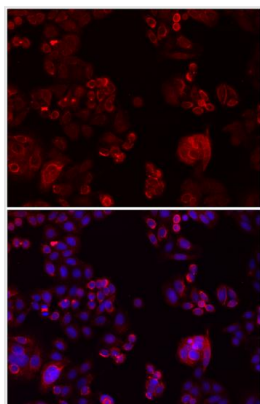
PRODUCT SYNONYMS

NOTCH3; Polyclonal Antibody; NOTCH3 antibody; CASIL; CADASIL; anti-NOTCH3 antibody

PRODUCT SPECIFICATIONS

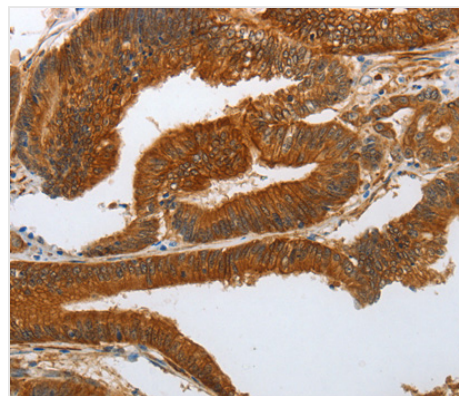
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NOTCH3 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	2321
Applicable Applications for anti-NOTCH3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human NOTCH3.
Target Name	NOTCH3
Preparation and Storage	Store at -20 degree C

IMAGES



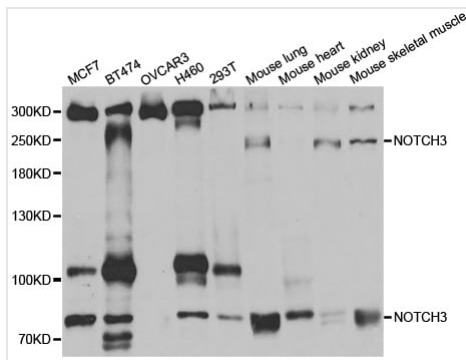
IF (Immunofluorescence)

Immunofluorescence analysis of SW480 cells showing nuclear and cytoplasmic localization with NOTCH3 antibody 1:200 (top, red)..



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon cancer tissue using NOTCH3 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NOTCH3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NOTCH3 antibody	Notch proteins (Notch1-4) are a family of transmembrane receptors that play important roles in development and the determination of cell fate (1). Mature Notch receptors are processed and assembled as heterodimeric proteins, with each dimer comprised of a large extracellular ligand-binding domain, a single-pass transmembrane domain, and a smaller cytoplasmic subunit (Notch intracellular domain, NICD) (2). Binding of Notch receptors to ligands of the Delta-Serrate-Lag2 (DSL) family triggers heterodimer dissociation, exposing the receptors to proteolytic cleavages; these result in release of the NICD, which translocates to the nucleus and activates transcription of downstream target genes (3-4).
Product Categories/Family for anti-NOTCH3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	134244285
NCBI GeneID	4854
NCBI Accession #	NP_000426.2
NCBI GenBank Nucleotide #	NM_000435.2
UniProt Accession #	Q9UM47; Q9UEB3; Q9UPL3; Q9Y6L8
Molecular Weight	243,631 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 3
NCBI Official Synonym Full Names	notch 3
NCBI Official Symbol	NOTCH3
NCBI Official Synonym Symbols	IMF2; LMNS; CASIL; CADASIL
NCBI Protein Information	neurogenic locus notch homolog protein 3
UniProt Protein Name	Neurogenic locus notch homolog protein 3
UniProt Gene Name	NOTCH3
UniProt Synonym Gene Names	Notch 3
UniProt Entry Name	NOTC3_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/notch3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307261>