

Rabbit Notch 1 Polyclonal Antibody | anti-NOTCH1 antibody

Notch 1 (Cleaved-Val1744) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321961	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

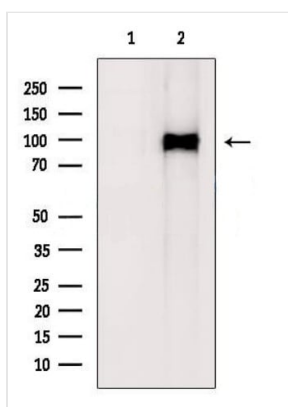
PRODUCT SYNONYMS

Notch 1; Polyclonal Antibody; Notch 1 (Cleaved-Val1744) Antibody; 9930111A19Rik; AOS5; AOVD1; hN1; Lin-12; LIN12; Mis6; Motch A; mT14; Neurogenic locus notch homolog protein 1; Neurogenic locus notch protein homolog; NICD; NOTC1_HUMAN; Notch 1 intracellular domain; NOTCH; Notch gene homolog 1 (Drosophila); Notch homolog 1; translocation-associated (Drosophila); Drosophila; homolog of; 1; notch1; TAN1; Translocation associated notch homolog; Translocation associated notch protein TAN 1; Translocation-associated notch protein TAN-1; xotch; anti-NOTCH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. (Thermo Fisher Scientific)
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	2555
Applicable Applications for anti-NOTCH1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Notch 1 (Cleaved-Val1744)
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



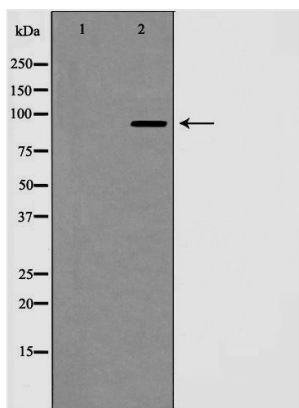
WB (Western Blot)

Western blot analysis of extracts from Mouse brain, using Notch 1 (Cleaved- Val1744) Ab. The lane on the left was treated with blocking peptide



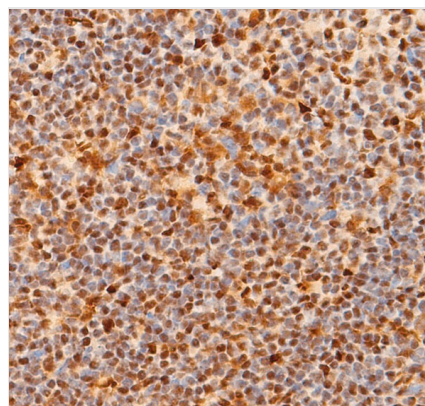
IHC (Immunohistochemistry)

AAA321961 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4 degree C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of Notch 1 (Cleaved-Val1744) expression in NIH 3T3 cell extract treated with etoposide. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA321961 at 1/200 staining mouse spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NOTCH1 antibody

Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus

NCBI AND UNIPROT INFORMATION

NCBI GI #	148833508
NCBI GeneID	4851
NCBI Accession #	NP_060087.3
NCBI GenBank Nucleotide #	NM_017617.5
UniProt Accession #	P46531; Q59ED8; Q5SXM3
Molecular Weight	95 kDa
NCBI Official Full Name	neurogenic locus notch homolog protein 1 preproprotein
NCBI Official Synonym Full Names	notch 1
NCBI Official Symbol	NOTCH1
NCBI Official Synonym Symbols	hN1; AOS5; TAN1; AOVD1
NCBI Protein Information	neurogenic locus notch homolog protein 1
UniProt Protein Name	Neurogenic locus notch homolog protein 1
UniProt Gene Name	NOTCH1
UniProt Synonym Gene Names	TAN1; Notch 1; hN1; NEXT; NICD

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/notch-1-antibody-immunohistochemistry-western-blot-elisa/321961>