

Notch 1 Antibody | anti-NOTCH1 antibody

Notch 1 (Cleaved-Val1744) Antibody

CATALOG # AAA109109	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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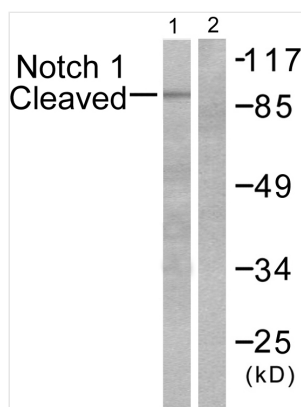
PRODUCT SYNONYMS

Notch 1; Notch 1 (Cleaved-Val1744) Antibody; NOTC1; NOTCH1; TAN1; hN1; neurogenic locus notch homolog protein 1; neurogenic locus notch homolog protein 1 precursor; notch (Drosophila) homolog 1 (translocation-associated); notch homolog 1; translocation-associated (Drosophila); translocation-associated notch protein TAN-1; anti-NOTCH1 antibody

PRODUCT SPECIFICATIONS

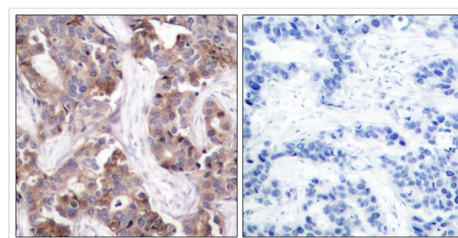
Reactivity	Human, Mouse, Rat
Specificity	Notch 1 (cleaved-Val1744) antibody detects endogenous levels of fragment of activated Notch 1 resulting from cleavage adjacent to Val1744.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	2555
Applicable Applications for anti-NOTCH1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human Notch 1 (VLLSRKRRRC).
All Sites	Human: Val1744 Mouse: Val1744 Rat: Val2562
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, treated with etoposide (25μM, 1hour), using Notch 1 (cleaved-Val1744) antibody.



IHC (Immunohistochemistry)

CI-peptide+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Notch 1 (cleaved-Val1744) antibody.

ADDITIONAL INFORMATION

References	Kohshi Ohishi, Blood, May 2000; 95: 2847-2854. Eva Monsalve, J. Immunol., May 2006; 176: 5362-5373. R. Agarwal, Invest. Ophthalmol. Vis. Sci., May 2003; 44: 3340. Lin Shan, Am J Physiol Lung Cell Mol Physiol, Feb 2007; 292: L500-L509.
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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	272,505 Da
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.