

Notch1 recombinant antibody

Notch1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315102	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

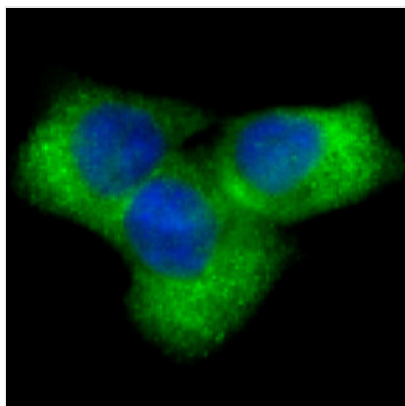
PRODUCT SYNONYMS

Notch1; Monoclonal Recombinant Antibody; Notch1 Rabbit mAb; NOTC1; NOTCH1; TAN1; hN1; neurogenic locus notch homolog protein 1; neurogenic locus notch homolog protein 1 precursor; ; Notch1 recombinant antibody

PRODUCT SPECIFICATIONS

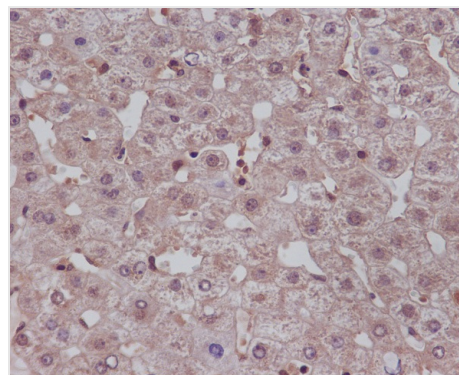
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	Notch1 Antibody detects endogenous levels of total Notch1
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for Notch1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Notch1
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



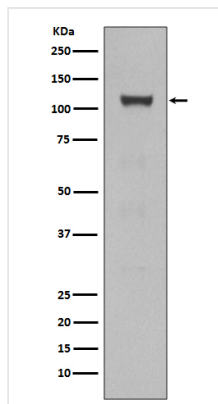
IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells, using Notch1 Antibody .



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver, using Notch1 Antibody .



WB (Western Blot)

Western blot analysis of NOTCH1 expression in HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for Notch1 recombinant 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. Affects the implementation of differentiation, proliferation and apoptotic programs. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting.
Product Categories/Family for Notch1 recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	148833508
NCBI GeneID	4851
NCBI Accession #	NP_060087.3
NCBI GenBank Nucleotide #	NM_017617.3
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; TAN1
NCBI Protein Information	neurogenic locus notch homolog protein 1; Notch homolog 1, translocation-associated; translocation-associated notch protein TAN-1
UniProt Protein Name	Neurogenic locus notch homolog protein 1
UniProt Gene Name	NOTCH1
UniProt Synonym Gene Names	TAN1; Notch 1; hN1; NICD
UniProt Entry Name	NOTC1_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.

