

Rabbit Notch1 Polyclonal Antibody | anti-Notch1 antibody

Notch1 Rabbit pAb

CATALOG # AAA282216	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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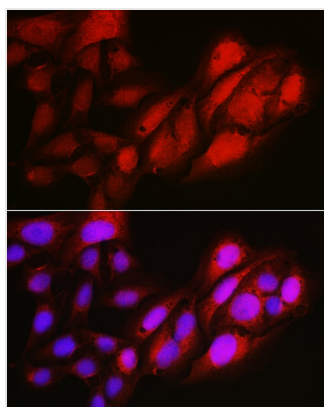
PRODUCT SYNONYMS

Notch1; Polyclonal Antibody; Notch1 Rabbit pAb; AOS5; AOVD1; TAN1; hN1; NOTCH1; Activated NOTCH1; notch 1; anti-Notch1 antibody

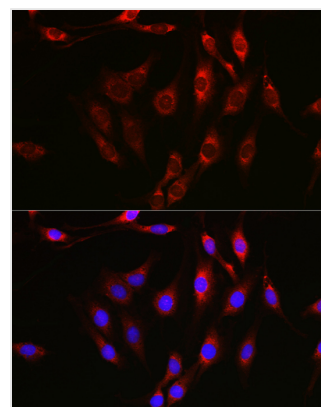
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	MGNIFANLFK GLFGKKEMRI LMVGLDAAGK TTILYKLKLG EIVTTIPTIG FNVETVEYKN ISFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV NEAREELMRM LAEDELRLDAV LLVFANKQDL PNAMNAEIT DKLGLHSLRH RNWYIQATCA TSGDGLYEGL DWLSNQLRNQ K
Applicable Applications for anti-Notch1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HeLa, A-549
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 2350-2450 of human Notch1 (NP_060087.3).
Cellular Location	Cell membrane, Nucleus, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

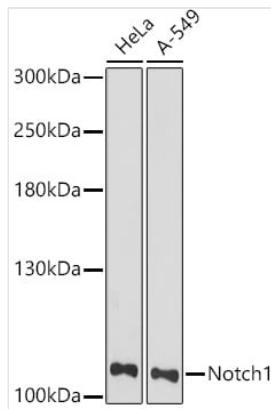


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS using Notch1 antibody at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 using Notch1 antibody at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Notch1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-Notch1 antibody	This gene encodes a member of the NOTCH family of proteins. Members of this Type I 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 signaling is an evolutionarily conserved intercellular signaling pathway that regulates interactions between physically adjacent cells through binding of Notch family receptors to their cognate ligands. The encoded preproprotein is proteolytically processed in the trans-Golgi network to generate two polypeptide chains that heterodimerize to form the mature cell-surface receptor. This receptor plays a role in the development of numerous cell and tissue types. Mutations in this gene are associated with aortic valve disease, Adams-Oliver syndrome, T-cell acute lymphoblastic leukemia, chronic lymphocytic leukemia, and head and neck squamous cell carcinoma.
Product Categories/Family for anti-Notch1 antibody	Epigenetics & Nuclear Signaling ; Transcription Factors ; Signal Transduction ; Cell Biology & Developmental Biology ; Notch Signaling Pathway ; ESC Pluripotency and Differentiation ; Neuroscience ; Cell Type Marker ; Neurodegenerative Diseases ; Stem Cells ; Hemat

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316985
NCBI GeneID	375
UniProt Accession #	P84077 ; P10947 ; P32889
Molecular Weight	181
NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Synonym Full Names	ADP-ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Protein Information	ADP-ribosylation factor 1
UniProt Protein Name	ADP-ribosylation factor 1
UniProt Gene Name	ARF1
UniProt Entry Name	ARF1_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.