

Rabbit anti-Human Notch2 Polyclonal Antibody | anti-Notch2 antibody

Rabbit anti-Notch2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211760	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Notch2; Polyclonal Antibody; Rabbit anti-Notch2 Antibody; Affinity Purified; AGS2; Notch homolog 2; Notch 2; neurogenic locus notch homolog protein 2; HJCYS; hN2; Neurogenic locus notch homolog protein 2; notch 2; anti-Notch2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-Notch2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 2421 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



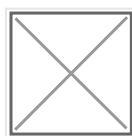
WB (Western Blot)

Detection of human Notch2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Notch2 antibody AAA211760 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. Notch2 was also immunoprecipitated by rabbit anti-Notch2 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human Notch2 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Notch2 (Cat. No. AAA211760 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB



FCM/FACS (Flow Cytometry)

Detection of human Notch2 (shaded) in U937 cells by flow cytometry. Antibody: Rabbit anti-Notch2 polyclonal antibody (AAA211760) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-Notch2 antibody	Notch2 is a member of the Notch family of transmembrane receptors. The Notch gene was first reported as a drosophila gene responsible for the presence of notches in the wingblades of a specific strain of flies. The Notch proteins mediate juxtacrine signals between adjacent cells and regulate cell fate determination during development. In mammals there are 4 Notch receptors (Notch 1-4). Like Notch1, Notch 2 is required for embryo viability. Although Notch1 and Notch 2 are functionally similar, they may not serve redundant functions in the cell.
Product Categories/Family for anti-Notch2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041035
NCBI GeneID	4853
NCBI Accession #	NP_077719.2
NCBI GenBank Nucleotide #	NM_024408.3
UniProt Accession #	Q04721; Q5T3X7; Q99734; Q9H240
Molecular Weight	265,405 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	notch 2
NCBI Official Symbol	NOTCH2
NCBI Official Synonym Symbols	hN2; AGS2; HJCYS
NCBI Protein Information	neurogenic locus notch homolog protein 2; Notch homolog 2
UniProt Protein Name	Neurogenic locus notch homolog protein 2
UniProt Gene Name	NOTCH2
UniProt Synonym Gene Names	Notch 2; hN2
UniProt Entry Name	NOTC2_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/notch2-antibody-flow-cytometry-immunohistochemistry-immunoprecipitation-western-blot-elisa/211760>