

## Rabbit NOTCH1 Polyclonal Antibody | anti-NOTCH1 antibody

NOTCH1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280306</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

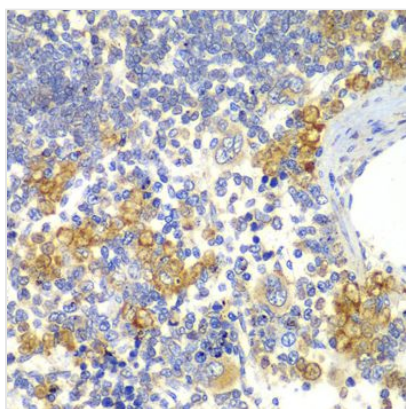
### PRODUCT SYNONYMS

NOTCH1; Polyclonal Antibody; NOTCH1 Polyclonal Antibody; anti-NOTCH1 antibody

### PRODUCT SPECIFICATIONS

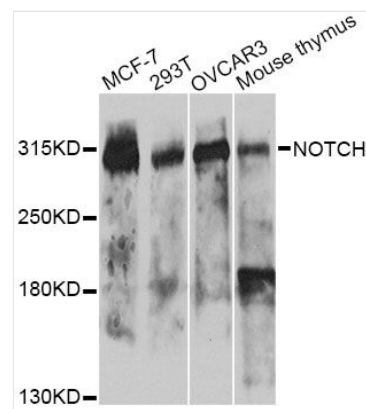
|                                                  |                                                                                                                 |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                          |
| Reactivity                                       | Human, Mouse, Rat                                                                                               |
| Clonality                                        | Polyclonal                                                                                                      |
| Isotype                                          | IgG                                                                                                             |
| Purity/Purification                              | Affinity Purification                                                                                           |
| Sequence Length                                  | 2555                                                                                                            |
| Applicable Applications for anti-NOTCH1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                   |
| Route                                            | Synthetic Peptide                                                                                               |
| Immunogen                                        | A synthetic peptide of human NOTCH1                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat spleen using NOTCH1 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NOTCH1 antibody at 1:1000 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 Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

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|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NOTCH1 antibody | This gene encodes a member of the Notch family. Members of this Type 1 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 family members play a role in a variety of developmental processes by controlling cell fate decisions. The Notch signaling network is an evolutionarily conserved intercellular signaling pathway which regulates interactions between physically adjacent cells. In Drosophilia, notch interaction with its cell-bound ligands (delta, serrate) establishes an intercellular signaling pathway that plays a key role in development. Homologues of the notch-ligands have also been identified in human, but precise interactions between these ligands and the human notch homologues remain to be determined. This protein is cleaved in the trans-Golgi network, and presented on the cell surface as a heterodimer. This protein functions as a receptor for membrane bound ligands, and may play multiple roles during development. |
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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                 | 273kDa                                                 |
| 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                         |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/notch1-antibody-immunohistochemistry-western-blot-elisa/280306>