

Product datasheet for **AP23350PU-N**

NOTCH1 Rabbit Polyclonal Antibody

Product data:

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|------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | Western blot: 1 µg/ml. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a sequence at the middle region of human NOTCH1 |
| Specificity: | This antibody detects NOTCH1 (middle). No cross reactivity with other proteins. |
| Formulation: | State: Aff - Purified State: Lyophilized Ig fraction |
| Reconstitution Method: | 0.2 ml of distilled water will yield a concentration of 500 µg/ml |
| Purification: | Immunogen affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | notch 1 |
| Database Link: | Entrez Gene 4851 Human P46531 |
| Background: | Notch proteins are single-pass transmembrane receptors that regulate cell fate decisions during development. The Notch family includes 4 receptors, NOTCH1, NOTCH2, NOTCH3, and NOTCH4, whose ligands include JAG1, JAG2, DLL1, DLL3, and DLL4. Notch homolog 1, translocation-associated (NOTCH1), is a human gene encoding a single-pass transmembrane receptor. It functions as a receptor for membrane bound ligands, and may play multiple roles during development. NOTCH1 may normally coordinates the process of somitogenesis, ¹ and the activated Notch 1 and Notch 3 promote differentiation of progenitor cells into astroglia. |
| Synonyms: | Notch 1, hN1, TAN1 |

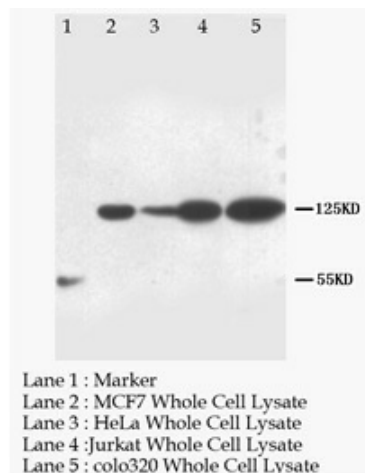


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Protein Families: Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway

Protein Pathways: Dorso-ventral axis formation, Notch signaling pathway, Prion diseases

Product images:



Western blot with NOTCH 1 Polyclonal Antibody