

## Product Datasheet

### NOTCH4 Rabbit Polyclonal Antibody (orb234927)

|                             |                                                                                                                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb234927                                                                                                                                                                                                                                                                                                                  |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>          | The NOTCH4 Antibody is suitable for WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NOTCH4. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography. |
| <b>Target</b>               | NOTCH4                                                                                                                                                                                                                                                                                                                     |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                 |
| <b>Species/Host</b>         | Rabbit                                                                                                                                                                                                                                                                                                                     |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>           | Human, Mouse                                                                                                                                                                                                                                                                                                               |
| <b>Form/Appearance</b>      | Liquid                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer/Preservatives</b> | 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                                                                                                                                                                                                            |
| <b>Purification</b>         | The antibody was purified by immunogen affinity chromatography.                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>            | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NOTCH4. The exact sequence is proprietary.                                                                                                                                                                                      |
| <b>UniProt ID</b>           | <b>P31695, Q99466</b>                                                                                                                                                                                                                                                                                                      |
| <b>Tested applications</b>  | WB                                                                                                                                                                                                                                                                                                                         |
| <b>Dilution range</b>       | WB: 1:500-1000                                                                                                                                                                                                                                                                                                             |

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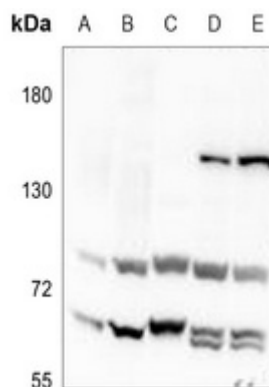
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|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity</b>     | Recognizes endogenous levels of NOTCH4 protein.                                                                                         |
| <b>Antibody Type</b>   | Primary Antibody                                                                                                                        |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only                                                                                                                   |
| <b>Entrez</b>          | <b>18132, 4855</b>                                                                                                                      |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                         |



Western blot analysis of NOTCH4 expression in NIH3T3L1 (A), SHSY5Y (B), Jurkat (C), A549 (D), HepG2 (E) whole cell lysates. (Predicted band size: 209 kD; Observed band size: 150; 80 kD)

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