

## Product Datasheet

### NOTCH1 Rabbit Polyclonal Antibody (orb577050)

<b>Description</b>	Rabbit polyclonal antibody to NOTCH1
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	WB
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human NOTCH1
<b>Target</b>	NOTCH1
<b>Preservatives</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Form/Appearance</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Concentration</b>	0.5 mg/ml
<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>Protein Sequence</b>	Synthetic peptide located within the following region: EHPFLTPSPESPQWSSSSPHSNVSDWSEGVSSPPTSMQSQIARIPEAFK
<b>Clonality</b>	Polyclonal
<b>MW</b>	273 kDa
<b>Uniprot ID</b>	<b>P46531</b>

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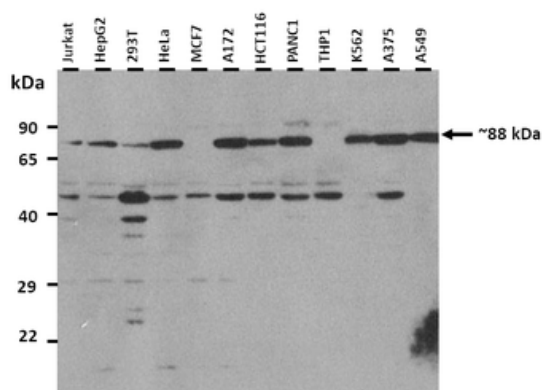
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**NCBI**

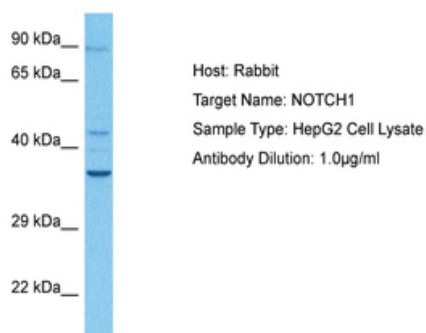
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**Expiration Date**

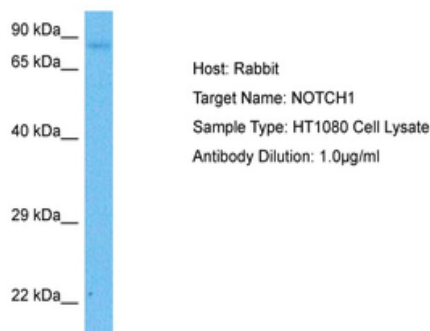
12 months from date of receipt.



25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/ml of the antibody was used in this experiment. Full length NOTCH1 (~273 kDa) is not shown in this experiment, cleavage products of NOTCH1 are detected including the NOTCH Intracellular Domain at 88 kDa.



Sample Tissue: Human HepG2 Whole Cell, Antibody Dilution: 1 ug/ml.



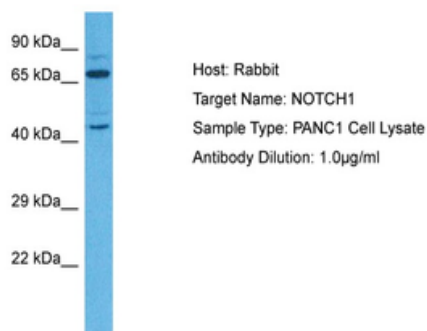
Sample Tissue: Human HT1080 Whole Cell, Antibody Dilution: 1 ug/ml.

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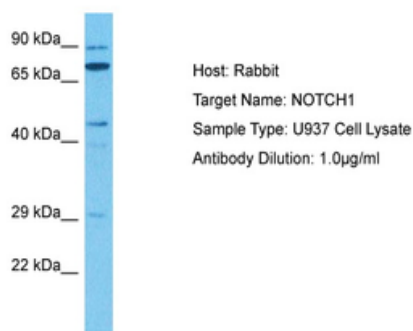
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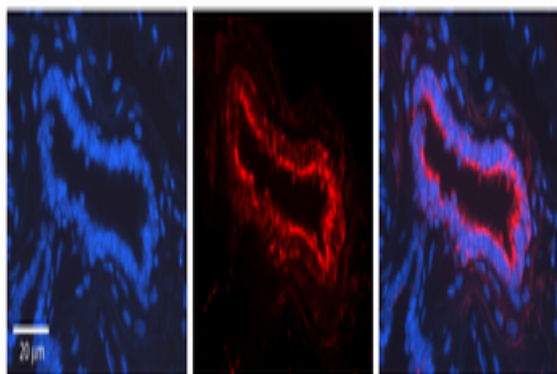
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Sample Tissue: Human PANC1 Whole Cell, Antibody Dilution: 1 ug/ml.



Sample Tissue: Human U937 Whole Cell, Antibody Dilution: 1 ug/ml.



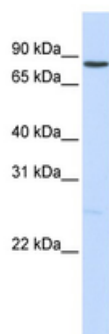
Rabbit Anti-NOTCH1 Antibody, Catalog Number: orb577050, Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue, Observed Staining: Plasma membrane, Primary Antibody Concentration: 1:100, Other Working Concentrations: 1:600, Secondary Antibody: Donkey anti-Rabbit-Cy3, Secondary Antibody Concentration: 1:200, Magnification: 20X, Exposure Time: 0.5-2.0 sec.

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WB Suggested Anti-NOTCH1 Antibody Titration: 0.2-1 ug/ml,  
ELISA Titer: 1:312500, Positive Control: 293T cell lysate.

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