Product Datasheet

NOTCH1 Rabbit Polyclonal Antibody (orb256723)

Catalog Number	orb256723
Category	Antibodies
Description	The NOTCH1 Antibody is suitable for IF, IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NOTCH1. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
Target	NOTCH1
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Liquid
Buffer/Preservatives	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purification	The antibody was purified by immunogen affinity chromatography.
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NOTCH1. The exact sequence is proprietary.
UniProt ID	P46531, Q01705
Tested applications	IF, IHC, WB
Dilution range	WB: 1:500-1000, IHC-P: 1:100-200, IF/ICC: 1:100-500

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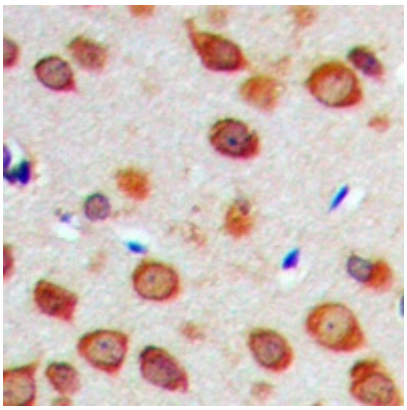
Specificity	Recognizes endogenous levels of NOTCH1 protein.
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	**18128**, **4851**
Expiration Date	12 months from date of receipt.

Western blot analysis of NOTCH1 expression in Myla2059 (A) whole cell lysates. (Predicted band size: 272 kD; Observed band size: 120 kD)



Immunohistochemical analysis of NOTCH1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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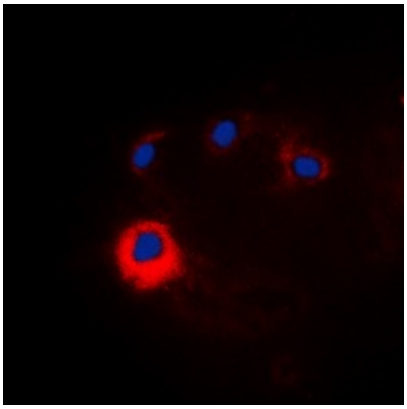

Immunofluorescent analysis of NOTCH1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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