

Product Datasheet

Anti-Notch1 Monoclonal Antibody (orb546994)

Description	Anti-Notch1 Monoclonal Antibody. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, ICC, IF, IHC, WB
Immunogen	A synthesized peptide derived from human Notch1 Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting.
Form/Appearance	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
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
Application notes	WB 1:500-1:3000IHC 1:50-1:200ICC/IF 1:100-1:500FC 1:200-1:500. Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Isotype	Rabbit IgG
Clonality	Monoclonal

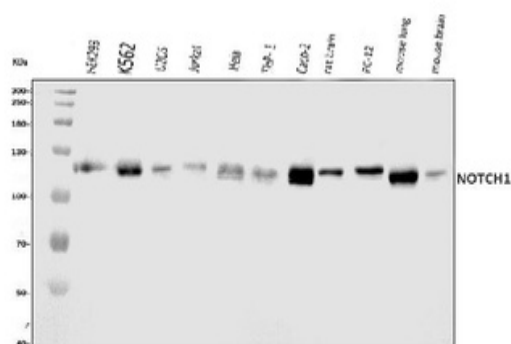
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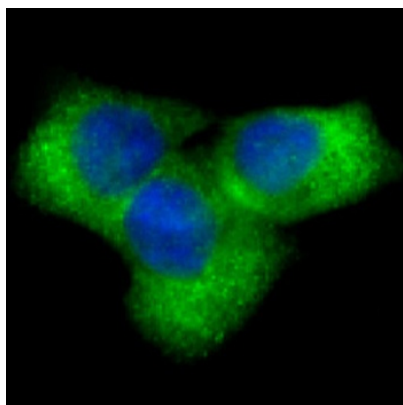
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Clone Number	BGA-14
Antibody Type	Primary Antibody
MW	110 kDa
Uniprot ID	P46531
Expiration Date	12 months from date of receipt.



WB analysis of NOTCH1 expression in (1) HEK293 Cell; (2) K562 Cell; (3) U2OS Cell; (4) Jurkat Cell; (5) HeLa Cell; (6) THP-1 Cell; (7) CACO-2 Cell; (8) rat brain tissue; (9) PC-12 Cell; (10) mouse lung tissue; (11) mouse brain tissue tissue.



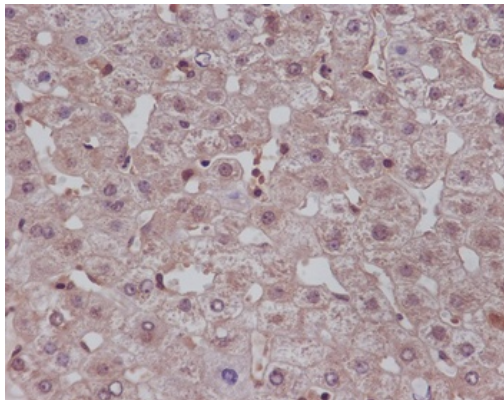
Immunofluorescent analysis of HeLa cells, using Notch1 Antibody.

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Immunohistochemical analysis of paraffin-embedded human liver, using Notch1 Antibody.

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