Product **Datasheet**

Anti-Notch1 Rabbit pAb

WL01991

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Notch1 Rabbit pAb
Source	Rabbit
Species reactivity	Human
Tested applications	WB 1:500-1:1000
Pack size	50/100/200/500/1000μl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

Notch proteins (Notch1-4) are a family of transmembrane receptors that play important roles in development and the determination of cell fate. The notch genes are expressed in a variety of tissues in both the embryonic and adult organism, suggesting that the genes are involved in multiple signaling pathways. The notch proteins have been found to be overexpressed or rearranged in human tumors. Ligands for notch include Jagged1, Jagged2 and Delta. Jagged can activate notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. Delta expression has also been found in neuroendocrine tumors such as neuroblastomas and pheochromocytomas.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Notch1.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

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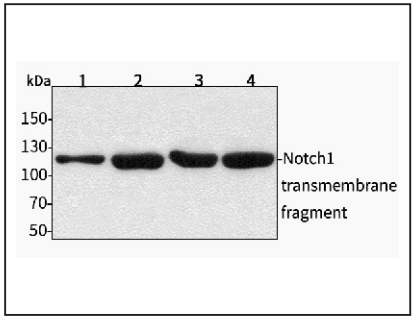
Product Images



Western blot-Anti-Notch1 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-Notch1 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 273 kDa
Observed band size: Notch1 transmembrane fragment 120 kDa

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