

Anti-Notch3 Rabbit pAb



WL02051

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Notch3 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:500-1:1000	
	IHC	1:100-1:400	
Cellular localization	Cell membrane and Nucleus		
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 proteins have been found to be overexpressed or rearranged in human tumors. Notch3 is a member of the Notch family and is processed similar to Notch1. It is expressed primarily in arterial smooth muscle cells (SMC). Mutations in NOTCH3 have been identified as the underlying cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Notch3.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

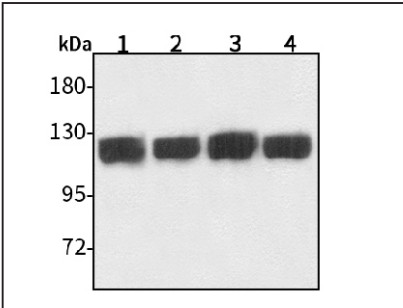
Anti-Notch3 Rabbit pAb



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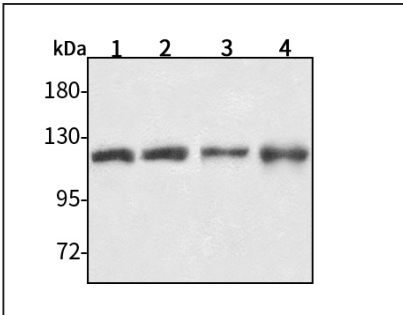
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Product Images



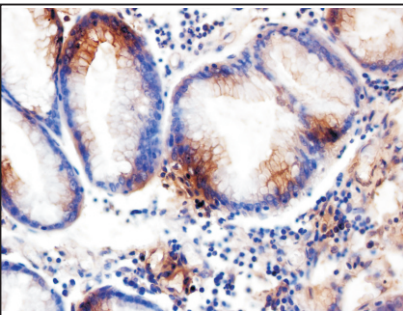
Western blot-Anti-Notch3 pAb

Lane 1: Human BGC-823 cell lysate
Lane 2: Human MGC-803 cell lysate
Lane 3: Human SGC-7901 cell lysate
Lane 4: Human MCF-7 cell lysate
All lanes: Anti-Notch3 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 244 kDa
Observed band size: 100/250-270 kDa



Western blot-Anti-Notch3 pAb

Lane 1: Mouse lung tissue lysate
Lane 2: Mouse colon tissue lysate
Lane 3: Rat stomach tissue lysate
Lane 4: Rat spleen tissue lysate
All lanes: Anti-Notch3 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 244 kDa
Observed band size: 100/250-270 kDa



Immunohistochemistry-Anti-Notch3 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-Notch3 Rabbit Antibody at 1:150 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0