

Recombinant Anti-NOTCH4 Rabbit mAb

Catalog # AP94997

Product Information

Application	WB, FC
Primary Accession	Q99466
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal
Calculated MW	209622

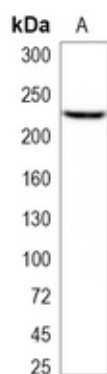
Additional Information

Gene ID	4855
Other Names	INT3; Neurogenic locus notch homolog protein 4; Notch 4; hNotch4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human NOTCH4 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NOTCH4 (HGNC:7884)
Synonyms	INT3
Function	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. May regulate branching morphogenesis in the developing vascular system (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in the heart, moderately in the lung and placenta and at low levels in the liver, skeletal muscle, kidney, pancreas, spleen, lymph node, thymus, bone marrow and fetal liver. No expression was seen in adult brain or peripheral blood leukocytes

Images



Western blot analysis of NOTCH4 expression in mouse lung (A) whole cell lysates. (Predicted band size: 210 kD; Observed band size: 230 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.