

Cleaved-Notch 4 (V1432) Polyclonal Antibody
Catalog # AP63146**Specification**

Cleaved-Notch 4 (V1432) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q99466
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal

Cleaved-Notch 4 (V1432) Polyclonal Antibody - Additional Information**Gene ID** 4855**Other Names**

NOTCH4; INT3; Neurogenic locus notch homolog protein 4; Notch 4; hNotch4

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Cleaved-Notch 4 (V1432) Polyclonal Antibody - 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

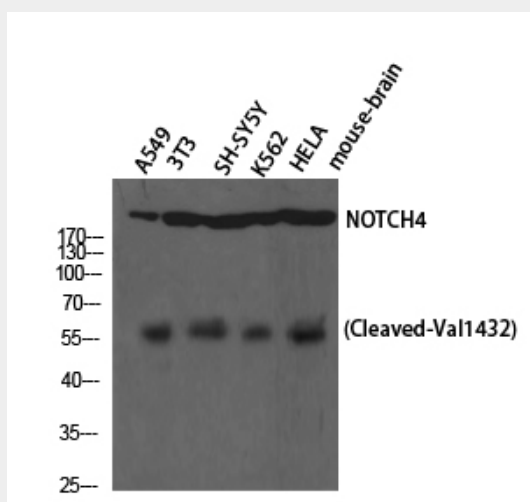
Highly expressed in the heart, moderately in the lung and placenta and at low levels in the liver, skeletal muscle, kidney, pancreas, spleen, lymph node, thymus, bone marrow and fetal liver. No expression was seen in adult brain or peripheral blood leukocytes

Cleaved-Notch 4 (V1432) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cleaved-Notch 4 (V1432) Polyclonal Antibody - Images



Western Blot analysis of A549 NIH-3T3 SH-SY5Y K562 HELA cells using Cleaved-Notch 4 (V1432) Polyclonal Antibody diluted at 1:1000

Cleaved-Notch 4 (V1432) Polyclonal Antibody - Background

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).