

NOTCH4 (aa1261-1273) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3489a**Specification**

NOTCH4 (aa1261-1273) Antibody (internal region) - Product Information

Application	E
Primary Accession	Q99466
Other Accession	NP_004548.3 , 4855 , 18132 (mouse) , 406162 (rat)
Predicted Host	Human, Mouse, Rat, Pig, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	209622

NOTCH4 (aa1261-1273) Antibody (internal region) - Additional Information**Gene ID** 4855**Other Names**

Neurogenic locus notch homolog protein 4, Notch 4, hNotch4, Notch 4 extracellular truncation, Notch 4 intracellular domain, NOTCH4, INT3

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NOTCH4 (aa1261-1273) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NOTCH4 (aa1261-1273) Antibody (internal region) - 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

NOTCH4 (aa1261-1273) Antibody (internal region) - 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](#)

NOTCH4 (aa1261-1273) Antibody (internal region) - Images**NOTCH4 (aa1261-1273) Antibody (internal region) - Background**

The immunizing peptide represents part of the extracellular domain.

NOTCH4 (aa1261-1273) Antibody (internal region) - References

Notch-4 contributes to the metastasis of salivary adenoid cystic carcinoma. Ding LC, She L, Zheng DL, Huang QL, Wang JF, Zheng FF, Lu YG, *Oncology reports* 2010 Aug 24 (2): 363-8. PMID: 20596622