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DTX1 / Deltex-1 Antibody (internal region, near N-Term)

Peptide-affinity purified goat antibody
Catalog # AF3051a

Specification

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - Product Information

Application	**E**
Primary Accession	Q86Y01
Other Accession	NP_004407.2, 1840, 14357 (mouse), 687424 (rat)
Predicted	**Human, Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**67368**

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - Additional Information

Gene ID 1840

Other Names
E3 ubiquitin-protein ligase DTX1, 6.3.2.-, Protein deltex-1, Deltex1, hDTX1, DTX1

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
DTX1 / Deltex-1 Antibody (internal region, near N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - Protein Information

Name DTX1

Function
Functions as a ubiquitin ligase protein in vivo, mediating ubiquitination and promoting degradation of MEKK1, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity (By similarity). Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell- fate determinations. Mainly acts as a positive regulator of Notch, but it also acts as a negative regulator, depending on the developmental and cell context. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Involved in neurogenesis, lymphogenesis and myogenesis, and may also be

involved in MZB (Marginal zone B) cell differentiation. Promotes B-cell development at the expense of T-cell development, suggesting that it can antagonize NOTCH1.

Cellular Location
Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Associates with endocytic vesicles. Partially nuclear

Tissue Location
Widely expressed. Strongly expressed in blood vessel. Also expressed in embryonic nervous system, pancreas, lung, adrenal gland, digestive tube and muscles. Expressed in MZB cells and developing B- and T-cells.

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - Images

DTX1 / Deltex-1 Antibody (internal region, near N-Term) - References

Specific over-expression of deltex and a new Kelch-like protein in human germinal center B cells. Gupta-Rossi N, Storck S, Griebel PJ, Reynaud CA, Weill JC, Dahan A, Molecular immunology 2003 Mar 39 (13): 791-9. PMID: 12617994