

DTX1 Rabbit pAb

CatalogNo: YN7150

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 68kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human DTX1

Specificity This antibody detects endogenous levels of DTX1 at Human, Mouse

Target Information

Gene name DTX1

Protein Name	E3 ubiquitin-protein ligase DTX1 (Protein deltex-1) (Deltex1) (hDTX1)		
	Organism	Gene ID	UniProt ID
	Human	1840;	Q86Y01;
	Mouse	14357;	Q61010;
Cellular Localization	Cytoplasm. Nucleus. Predominantly cytoplasmic. Associates with endocytic vesicles. Partially nuclear.		
Tissue specificity	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.		
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.		

Validation Data

Contact information

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DTX1 Rabbit pAb

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