

## E3 泛素蛋白连接酶抗体 DTX1 抗体

产品货号： mlR14265

英文名称： Deltex

中文名称： E3 泛素蛋白连接酶抗体 DTX1 抗体

别名： Deltex homolog 1 (Drosophila); Deltex protein 1; Deltex-1; Deltex1; Dtx1; E3 ubiquitin protein ligase DTX1; FXI-T1; Fxit 1; Fxit1; DTX1\_HUMAN; hDTX1; hDx 1; mDTX1; Protein deltex 1.

研究领域： 细胞生物 神经生物学 转运蛋白 表观遗传学 泛素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500  
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 67kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Deltex:351-450/620

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : Studies in Drosophila have identified this gene as encoding a positive regulator of the Notch-signaling pathway. The human gene encodes a protein of unknown function; however, it may play a role in basic helix-loop-helix transcription factor activity. [provided by RefSeq, Jul 2008]

#### **Function:**

Deltex is a RING finger ubiquitin ligase which is conserved from Drosophila to Humans and is a regulator of Notch signaling pathway. Deltex regulates both B-cell lineage and splenic marginal-zone B-cell commitment. Deltex is implicated in neurogenesis, lymphogenesis and myogenesis as well as marginal zone B cell differentiation.

#### **Subunit:**

Homodimer. May form a heterodimer with other members of the Deltex family. Interacts with NOTCH1 via its N-terminus region and EIF3F, the interaction is required for NOTCH1 deubiquitination. Interacts with EP300. Forms a heterodimer with BBAP; the heterodimerization leading to an increase of in vitro ubiquitin ligase activity. Interacts with ITCH.

#### **Subcellular Location:**

Cytoplasm and Nucleus. Note: Predominantly cytoplasmic, 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.

**Post-translational modifications:**

Ubiquitinated; undergoes 'Lys-29'-linked polyubiquitination catalyzed by ITCH.

**Similarity:**

Belongs to the Deltex family.

Contains 1 RING-type zinc finger.

Contains 2 WWE domains.

**SWISS:**

Q86Y01

**Gene ID:**

1840

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

