



[Go to Product page](#)

Datasheet for ABIN668131

## anti-Deltex Homolog 1 antibody (AA 351-450) (Cy7)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | Deltex Homolog 1 (DTX1)  |
| Binding Specificity: | AA 351-450   |
| Reactivity:          | Human, Mouse, Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This Deltex Homolog 1 antibody is conjugated to Cy7  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Deltex-1 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse, Rat  |
| Predicted Reactivity: | Cow  |
| Purification:         | Purified by Protein A.                                       |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | Deltex Homolog 1 (DTX1)                    |
| Alternative Name: | Deltex 1 ( <a href="#">DTX1 Products</a> ) |

## Target Details

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**Background:** Synonyms: hDx-1, E3 ubiquitin-protein ligase DTX1, Protein deltex-1, Deltex1, hDTX1, DTX1  
Background: 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.

**Gene ID:** 1840

**UniProt:** [Q86Y01](#)

**Pathways:** [Notch Signaling](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months