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Datasheet for ABIN652817

## anti-Deltex Homolog 4 antibody (N-Term)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	Deltex Homolog 4 (DTX4)
Binding Specificity:	AA 56-83, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Deltex Homolog 4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This DTX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-83 amino acids from the N-terminal region of human DTX4.
Clone:	RB23716
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	Deltex Homolog 4 (DTX4)
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## Target Details

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Alternative Name:	<a href="#">DTX4 (DTX4 Products)</a>
Background:	DTX4 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations
Molecular Weight:	67258
Gene ID:	23220
NCBI Accession:	<a href="#">NP_055992</a>
UniProt:	<a href="#">Q9Y2E6</a>
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

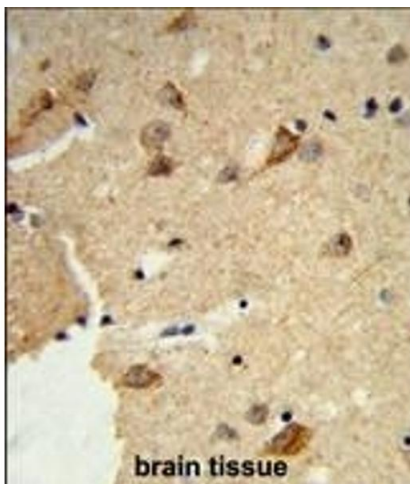
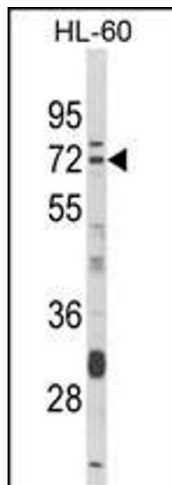
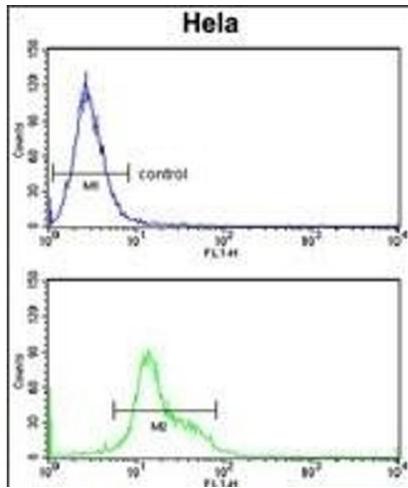
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Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** DTX4 Antibody (N-term) (ABIN652817 and ABIN2842533) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of DTX4 Antibody (N-term) (ABIN652817 and ABIN2842533) in HL-60 cell line lysates (35 µg/lane). DTX4 (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human brain tissue reacted with DTX4 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.