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Datasheet for ABIN1700267

# anti-DTX2 antibody (AA 331-430) (Biotin)



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Quantity:	100 μL
Target:	DTX2
Binding Specificity:	AA 331-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTX2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human DTX2	
Isotype:	IgG	
Predicted Reactivity: Human,Mouse,Rat,Horse,Zebrafish		
Purification:	Purified by Protein A.	

# **Target Details**

Target:	DTX2
Alternative Name:	DTX2 (DTX2 Products)
Background:	Synonyms: Deltex 2, Deltex2, hDTX2, Highly similar to hPMSR6 [H.sapiens], Protein deltex 2,

RING finger protein 58,	RNF58, Zinc ion	binding protein.	DTX2 HUMAN.
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Background: DTX2 belongs to the Deltex family. It contains one RING-type zinc finger and two WWE domains. DTX2 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. It probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context, mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. DTX2 also functions as an ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity. The WWE domains are thought to mediate some protein-protein interaction, and are frequently found in ubiquitin ligases. There are two named isoforms.

Gene ID: 113878

Pathways: Notch Signaling

## **Application Details**

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

#### Handling

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 for 12 months.
Expiry Date:	12 months