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Datasheet for ABIN5001538

anti-DTX2 antibody (AA 331-430) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	DTX2
Binding Specificity:	AA 331-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTX2 antibody is conjugated to Alexa Fluor 680
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 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,

Target Details

RING finger protein 58, RNF58, Zinc ion binding protein, DTX2_HUMAN.

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

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months