

Datasheet for ABIN2774772  
**anti-DTX2 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	DTX2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Goat, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTX2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DTX2
Sequence:	EDCGTILIVY SIPHGIQGPE HPNPGKPFTA RGFPRQCYLP DNAQGRKVLE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against DTX2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DTX2
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## Target Details

Alternative Name:	DTX2 ( <a href="#">DTX2 Products</a> )
Background:	<p>DTX2 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. DTX2 probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context and mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. It also functions as an ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.</p> <p>Alias Symbols: KIAA1528, MGC71098, RNF58</p> <p>Protein Interaction Partner: KRTAP26-1, RFX6, KLC3, GLYCTK, DTX2, RIMBP3, C1orf94, NCALD, PLEKHF2, TRIM54, EIF4ENIF1, ALKBH4, UBE2D4, HPCAL4, SPG21, SEC22A, SPAG8, STX12, NCS1, FAM168A, RBPMS, SEC23B, ABHD16A, VSNL1, SUMO1, UBE2D3, UBE2D1, UBC, TRIP6, QARS, HDC, GOLGA2, FHL2, ARNT2,</p> <p>Protein Size: 575</p>
Molecular Weight:	62 kDa
Gene ID:	113878
NCBI Accession:	<a href="#">NM_001102596</a> , <a href="#">NP_001096066</a>
UniProt:	<a href="#">Q6XM87</a>
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 575 AA
Restrictions:	For Research Use only

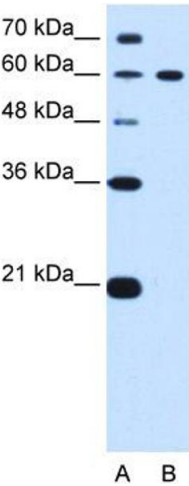
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



**Western Blotting**

**Image 1.** WB Suggested Anti-DTX2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate