

Datasheet for ABIN2781281

anti-Deltex Homolog 3 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Deltex Homolog 3 (DTX3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Rat, Horse, Pig, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Deltex Homolog 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	YEKYGTIVIQ YVFPPGVQGA EHPNPGVRYP GTTRVAYLPD CPEGNKVLTL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against Dtx3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Deltex Homolog 3 (DTX3)
Alternative Name:	Dtx3 (DTX3 Products)

Target Details

Background:	<p>Dtx3 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Dtx3 probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context.</p> <p>Dtx3 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: Deltex3, MGC106339, mg310</p> <p>Protein Interaction Partner: Dtx3, Dtx2,</p> <p>Protein Size: 347</p>
Molecular Weight:	38 kDa
Gene ID:	80904
NCBI Accession:	NM_030714 , NP_109639
UniProt:	Q80V91
Pathways:	Notch Signaling

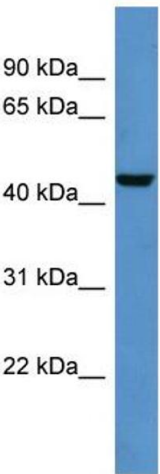
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 347 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 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.



Western Blotting

Image 1. WB Suggested Anti-Dtx3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Mouse Brain