

Datasheet for ABIN2790245
anti-CTDP1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CTDP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Horse, Pig, Rabbit, Rat, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTDP1 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 CTDP1
Sequence:	AHAPDKEPEL GGQEEGERDG LCGLGNGCAD RKEAETESQN SELSGVTAGE
Predicted Reactivity:	Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against CTDP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CTDP1
Alternative Name:	CTDP1 (CTDP1 Products)

Target Details

Background:	This gene encodes a protein which interacts with the carboxy-terminus of the RAP74 subunit of transcription initiation factor TFIIF, and functions as a phosphatase that processively dephosphorylates the C-terminus of POLR2A (a subunit of RNA polymerase II), making it available for initiation of gene expression. Mutations in this gene are associated with congenital cataracts, facial dysmorphism and neuropathy syndrome (CCFDN). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. Alias Symbols: CCFDN, FCP1 Protein Interaction Partner: UBC, CDK9, UPP1, PPP2CA, PPP1CA, POLR2A, POLR2C, GRK5, ELP2, ELP3, SUMO2, PRKDC, CDK8, CDK7, INTS8, MED15, MED4, INTS6, INTS1, INTS7, MED16, MED6, MED24, MED7, MED26, MED17, MED23, MED14, MED1, MED8, MED25, INTS3, POLR2J, ERH, POLR2B, STK38, PRMT5, HIST1H Protein Size: 867
Molecular Weight:	93 kDa
Gene ID:	9150
NCBI Accession:	NM_048368 , NP_430255
UniProt:	Q9Y5B0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 867 AA
Restrictions:	For Research Use only

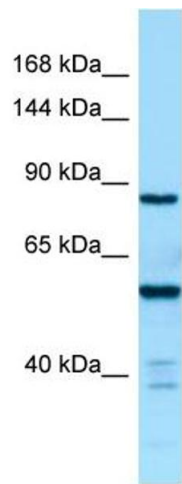
Handling

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.

Handling

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-CTDP1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal kidney