antibodies

Datasheet for ABIN2774466 anti-TTDN1 antibody (Middle Region)

Image



Overview

Quantity:	100 µL
Target:	TTDN1 (MPLKIP)
Binding Specificity:	Middle Region
Reactivity:	Human, Rabbit, Rat, Cow, Dog, Guinea Pig, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTDN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human MPLKIP
Sequence:	PGGYPGSYSR SPAGSQQQFG YSPGQQQTHP QGSPRTSTPF GSGRVREKRM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MPLKIP. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TTDN1 (MPLKIP)
Alternative Name:	MPLKIP (MPLKIP Products)
Background:	The protein encoded by this gene localizes to the centrosome during mitosis and to the

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Target Details

	midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in
	regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive
	trichothiodystrophy.
	Alias Symbols: ABHS, C7orf11, ORF20
	Protein Interaction Partner: MRPL53, SARNP, SUGP1, CDV3, RBM27, SBDS, SF3B4, PPIF,
	SCAMP3, SF1, THY1, SCP2, NDUFA7, SERPINH1,
	Protein Size: 179
Molecular Weight:	20 kDa
Gene ID:	136647
NCBI Accession:	
	NM_138701, NP_619646

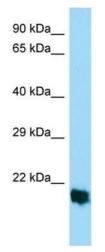
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 179 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.

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Western Blotting

Image 1. Host: Rabbit Target Name: MPLKIP Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml

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