Datasheet for ABIN6991001

anti-MEX3C antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	MEX3C
Binding Specificity:	AA 540-590, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEX3C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Rkhd2 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human RKHD2. The immunogen is located within amino acids 540 - 590 of Rkhd2.
Isotype:	IgG
Purification:	Rkhd2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MEX3C
Alternative Name:	Rkhd2 (MEX3C Products)
Background:	Rkhd2 Antibody: Rkhd2, also known as MEX3C is a member of a novel family of four homologous human MEX3 proteins each containing two heterogeneous nuclear ribonucleoprotein K homology (KH) domains and one carboxy-terminal RING finger module.

Target Details

	MEX3 proteins, including Rkhd2, are phosphoproteins that bind RNA through their KH domains and shuttle between the nucleus and the cytoplasm via the CRM1 export pathway. These proteins are a novel family of evolutionarily conserved RNA-binding proteins, differentially recruited to P bodies and potentially involved in post-transcriptional regulatory mechanisms. It has been suggested that genetic variations in Rkhd2 may be associated with susceptibility to essential hypertension type 8. Rkhd3 and Rkhd4, but not Rkhd2, co-localize with both the hDcp1a decapping factor and Argonaute (Ago) proteins in processing bodies (P bodies), recently characterized as centers of mRNA turnover.
Gene ID:	51320
NCBI Accession:	NP_057710
UniProt:	Q5U5Q3

Application Details

Application Notes:	Rkhd2 antibody can be used for detection of Rkhd2 by Western blot at 0.5 - 1 µ,g/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rkhd2 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	Rkhd2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.