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Datasheet for ABIN6991629 **anti-MEX3B antibody (AA 180-230)**

Overview

Quantity:	0.1 mg
Target:	MEX3B
Binding Specificity:	AA 180-230
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEX3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	RKHD3 antibody was raised against a 16 amino acid synthetic peptide from near the center of human RKHD3. The immunogen is located within amino acids 180 - 230 of RKHD3.
Isotype:	IgG
Specificity:	This antibody is specific for RKHD3 and will not recognize the other RKHD3 family of proteins.
Purification:	RKHD3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MEX3B
Alternative Name:	RKHD3 (MEX3B Products)
Background:	RKHD3 Antibody: Rkhd3, also known as MEX3B is a member of a novel family of four

Target Details

homologous human MEX3 proteins each containing two heterogeneous nuclear ribonucleoprotein K homology (KH) domains and one carboxy-terminal RING finger module. MEX3 proteins, including Rkhd3, 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. Rkhd3 is thought to act as a mechanism to fine-tune mRNA regulation in early *Xenopus* development, and with Rkhd4, but not Rkhd1, will co-localize with both the hDcp1a decapping factor and Argonaute (Ago) proteins in processing bodies (P bodies), recently characterized as centers of mRNA turnover.

Molecular Weight: Predicted: 62 kDa

Observed: 62 kDa

Gene ID: 84206

NCBI Accession: [NP_780575](#)

UniProt: [Q6ZN04](#)

Application Details

Application Notes: RKHD3 antibody can be used for detection of EPAC1 by Western blot at 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RKHD3 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

Handling

should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: RKHD3 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.