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Datasheet for ABIN6991005 **anti-MEX3A antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	MEX3A
Binding Specificity:	AA 420-470, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEX3A antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Rkhd4 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human Rkhd4. The immunogen is located within amino acids 420 - 470 of Rkhd4.
Isotype:	IgG
Purification:	Rkhd4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	MEX3A
Alternative Name:	Rkhd4 (MEX3A Products)
Background:	Rkhd4 Antibody: Rkhd4, also known as MEX3A is a member of a novel family of four homologous human MEX3 proteins each containing two heterogeneous nuclear

Target Details

ribonucleoprotein K homology (KH) domains and one carboxy-terminal RING finger module. MEX3 proteins, including Rkhd4, 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. While Rkhd2 has been suggested to be associated with susceptibility to essential hypertension type 8, the function of Rkhd4 remains unknown. 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: 92312

UniProt: [A1L020](#)

Application Details

Application Notes: Rkhd4 antibody can be used for detection of Rkhd4 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rkhd4 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: Rkhd4 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.