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Product datasheet for TA306667

MEX3C Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rkhd2 antibody was raised against a 15 amino acid peptide from near the carboxy terminus of human RKHD2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mex-3 RNA binding family member C
Database Link:	NP_057710 Entrez Gene 240396 MouseEntrez Gene 307271 RatEntrez Gene 51320 Human Q5U5Q3

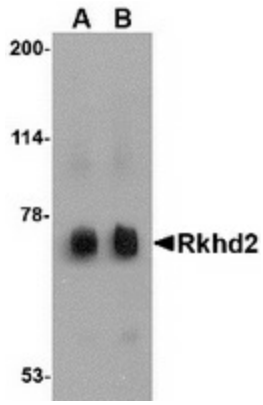
View online »

Background: 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. 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.

Synonyms: BM-013; MEX-3C; RKHD2; RNF194

Protein Families: Druggable Genome

Product images:



Western blot analysis of Rkhd2 in rat heart tissue lysate with Rkhd2 antibody at (A) 0.5 ug/ml and (B) 1 ug/ml.