

Rkhd1 Antibody

Catalog No: #24769

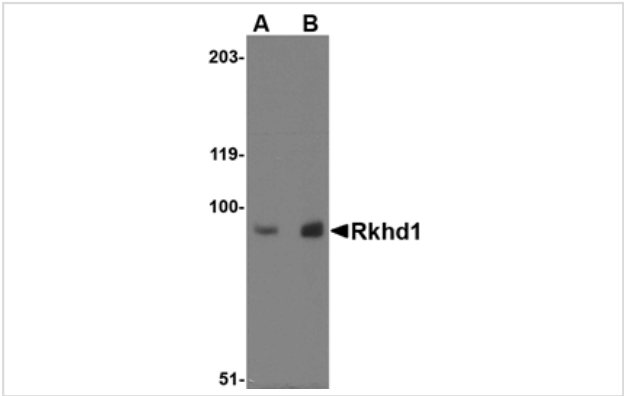


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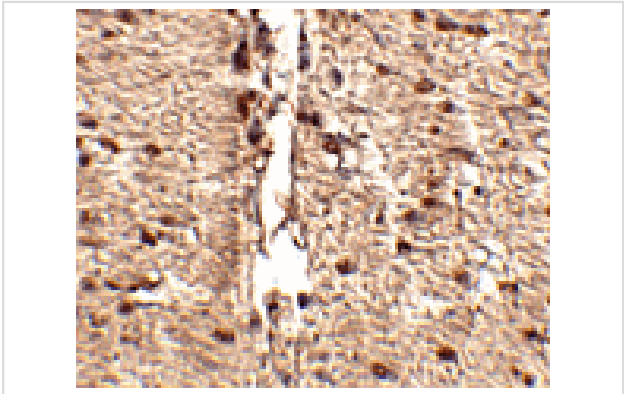
Description

Product Name	Rkhd1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide from near the center of human Rkhd1.
Target Name	Rkhd1
Other Names	RING finger and KH domain-containing protein 1, MEX3D, TINO, RING finger protein 193, RNF193
Accession No.	Q86XN8
Uniprot	Q86XN8
GeneID	399664;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of Rkhd1 in MDA-MB-361 cell lysate with Rkhd1 antibody at (A) 1 ug/ml and (B) 2 ug/mL.



Immunohistochemistry of Rkhd1 in human small intestine tissue with Rkhd1 antibody at 2.5 ug/mL.

Background

Rkhd1, also known as TINO or MEX3D 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 Rkhd1, 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. Rkhd1 binds to the AU-rich element in the 3' untranslated region of Bcl-2 mRNA and is thought to be a negative regulator of Bcl-2 expression. Rkhd3 and Rkhd4, but not Rkhd1, co-localize with both the hDcp1a decapping factor and Argonaute (Ago) proteins in processing bodies (P bodies), recently characterized as centers of mRNA turnover.

Note: This product is for in vitro research use only