

RKHD1 Polyclonal Antibody

Catalog NumberPA5-20621

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	2.5 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	A 15 amino acid peptide from near the center of human Rkhd1.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is MDA-MB-361 cell lysate. PA5-20621 can be used with blocking peptide PEP-0741.

Background/Target Information

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.

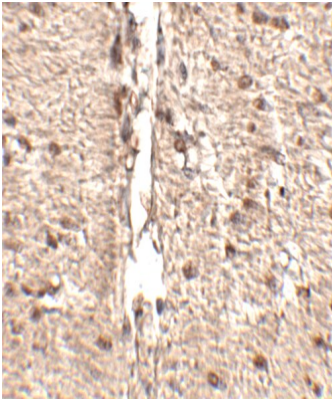
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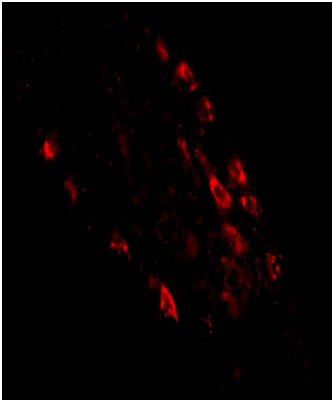
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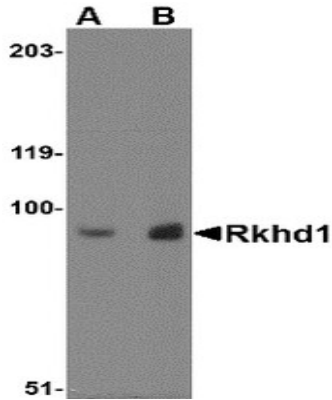
Product Images For RKHD1 Polyclonal Antibody



RKHD1 Antibody (PA5-20621) in IHC
Immunohistochemistry of Rkhd1 in human small intestine tissue with RKHD1 Polyclonal Antibody (Product # PA5-20621) at 2.5 µg/mL.



RKHD1 Antibody (PA5-20621) in IHC
Immunofluorescence of rkhdl in human small intestine tissue with RKHD1 Polyclonal Antibody (Product # PA5-20621) at 20 µg/mL.



RKHD1 Antibody (PA5-20621) in WB
Western Blot analysis of Rkhd1 in MDA-MB-361 cell lysate with RKHD1 Polyclonal Antibody (Product # PA5-20621) at (A) 1 µg/mL and (B) 2 µg/mL.

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