

Datasheet for ABIN500616  
**anti-MEX3D antibody (Center)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	MEX3D
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEX3D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Rkhd1 antibody was raised against a 15 amino acid peptide from near the center of human Rkhd1.
Isotype:	IgG
Specificity:	This antibody detects Rkhd1.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide affinity chromatography

## Target Details

Target:	MEX3D
---------	-------

## Target Details

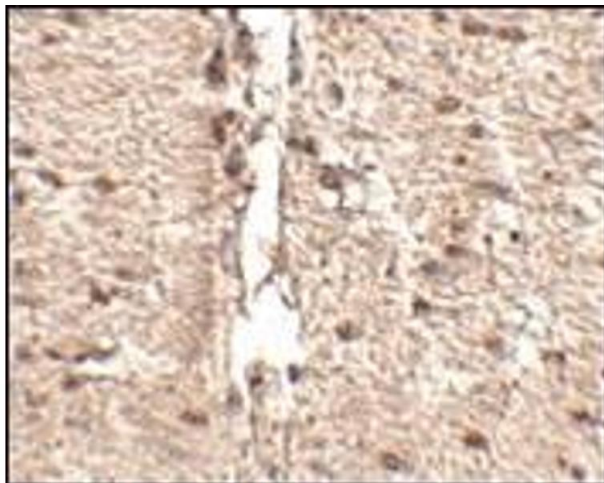
Alternative Name:	MEX3D / RKHD1 ( <a href="#">MEX3D Products</a> )
Background:	<p>Rkhd1, also known as TINO or MEX3D is a member of a novel family of four homologous human MEX3 proteins each containing two heterogeneous nuclear ribonucleoprotein K homology (KH) domains and one carboxy-terminal RING finger 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. Synonyms: KIAA2031, RING finger and KH domain-containing protein 1, RING finger protein 193, RNA-binding protein MEX3D, RNF193, TINO</p>
Gene ID:	399664
UniProt:	<a href="#">Q86XN8</a>

## Application Details

Application Notes:	<p>ELISA. Western blot: 1 - 2 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

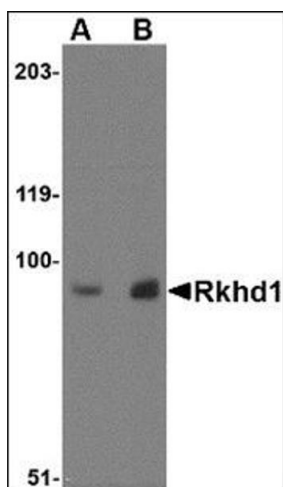
## Handling

Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of Rkhd1 in human small intestine tissue with this product at 2.5 µg/ml.



#### Western Blotting

**Image 2.** Western blot analysis of Rkhd1 in MDA-MB-361 cell lysate with this product at (A) 1 µg/ml and (B) 2 µg/ml.