

## Rabbit anti-Human Rkhd1 Polyclonal Antibody | anti-Rkhd1 antibody

Rkhd1 Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA306129</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

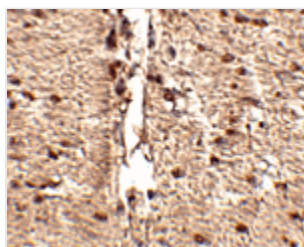
### PRODUCT SYNONYMS

Rkhd1; Polyclonal Antibody; Rkhd1 Antibody; RING finger and KH domain-containing protein 1; MEX3D; TINO; RING finger protein 193; RNF193; anti-Rkhd1 antibody

### PRODUCT SPECIFICATIONS

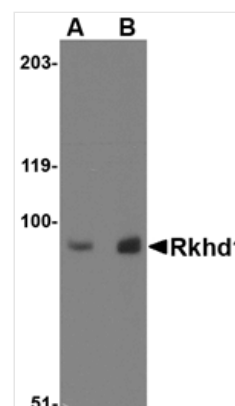
|                                                 |                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                 |
| Reactivity                                      | Human                                                                                                                                                                                                  |
| Clonality                                       | Polyclonal                                                                                                                                                                                             |
| Purity/Purification                             | Affinity chromatography purified via peptide column                                                                                                                                                    |
| Form/Format                                     | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                         |
| Sequence Length                                 | 666                                                                                                                                                                                                    |
| Applicable Applications for anti-Rkhd1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                                                                                                                   |
| Immunogen Type                                  | Peptide                                                                                                                                                                                                |
| Immunogen Description                           | Raised against a 15 amino acid peptide from near the center of human Rkhd1.                                                                                                                            |
| Target Name                                     | Rkhd1                                                                                                                                                                                                  |
| Preparation and Storage                         | Can be stored at -20 degree 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



**IHC (Immunohistochemistry)**

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



**WB (Western Blot)**

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

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Rkhd1 antibody | 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. |
| Product Categories/Family for anti-Rkhd1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 291621664                                     |
| NCBI GeneID                      | 399664                                        |
| NCBI Accession #                 | NP_001167589.1                                |
| NCBI GenBank Nucleotide #        | NM_001174118.1                                |
| UniProt Accession #              | Q86XN8; Q71M49; A0PJL8; A1L023; E9PAL6        |
| Molecular Weight                 | 66,469 Da                                     |
| NCBI Official Full Name          | RNA-binding protein MEX3D isoform 2           |
| NCBI Official Synonym Full Names | mex-3 RNA binding family member D             |
| NCBI Official Symbol             | MEX3D                                         |
| NCBI Official Synonym Symbols    | MEX3; TINO; RKHD1; MEX-3D; RNF193; OK/SW-cl.4 |
| NCBI Protein Information         | RNA-binding protein MEX3D                     |
| UniProt Protein Name             | RNA-binding protein MEX3D                     |
| UniProt Gene Name                | MEX3D                                         |
| UniProt Synonym Gene Names       | KIAA2031; RKHD1; RNF193                       |
| UniProt Entry Name               | MEX3D_HUMAN                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rkhd1-antibody-immunohistochemistry-western-blot-elisa/306129>