
Rkhd1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253959

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Rkhd1; RING finger and KH domain-containing protein 1; MEX3D; TINO; RING finger protein 193; RNF193

Accession No.: Q86XN8

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human Rkhd1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.