

RKHD3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1959c**Specification**

RKHD3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q6ZN04](#)**RKHD3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 84206**Other Names**

RNA-binding protein MEX3B, RING finger and KH domain-containing protein 3, RING finger protein 195, MEX3B, KIAA2009, RKHD3, RNF195

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1959c](/product/products/AP1959c) was selected from the Center region of human RKHD3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RKHD3 Antibody (Center) Blocking Peptide - Protein Information**Name** MEX3B**Synonyms** KIAA2009, RKHD3, RNF195**Function**

RNA-binding protein. May be involved in post-transcriptional regulatory mechanisms.

Cellular Location

Nucleus. Cytoplasm. Cytoplasm, P-body. Cytoplasmic granule. Note=Predominantly expressed in the cytoplasm and shuttles between the cytoplasm and the nucleus through the CRM1 export pathway. Localization to P-bodies is dependent on 14-3-3

Tissue Location

Highest levels found in fetal brain and testis. Detected in the adult intestinal epithelium,

specifically in goblet cell at protein level.

RKHD3 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RKHD3 Antibody (Center) Blocking Peptide - Images

RKHD3 Antibody (Center) Blocking Peptide - Background

RKHD3, also known as MEX3B is a member of a 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 RKHD3, are phosphoproteins that bind RNA through their KH domains and shuttle between the nucleus and the cytoplasm via the CRM1-dependent export pathway. MEX3A and MEX3B, but not MEX3C, colocalize with both the hDcp1a decapping factor and Argonaute (Ago) proteins in processing bodies (P bodies), recently characterized as centers of mRNA turnover. MEX3 proteins are a novel family of evolutionarily conserved RNA-binding proteins, differentially recruited to P bodies and potentially involved in post-transcriptional regulatory mechanisms.

RKHD3 Antibody (Center) Blocking Peptide - References

Buchet-Poyau, K., Nucleic Acids Res. 35 (4), 1289-1300 (2007)