RKHD3 Antibody

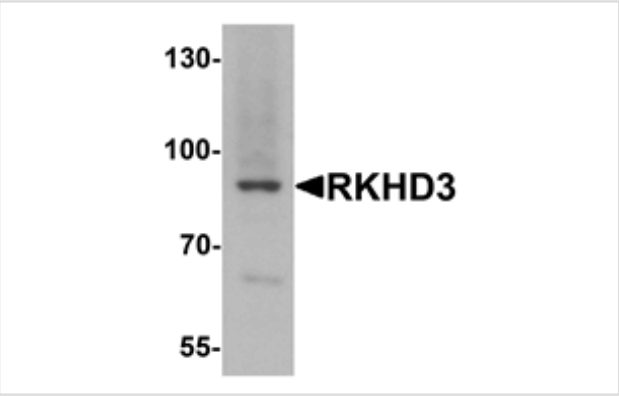
Catalog No: #25405

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	RKHD3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
Specificity	This antibody is specific for RKHD3 and will not recognize the other RKHD3 family of proteins.
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the center of human RKHD3.
Target Name	RKHD3
Other Names	RING finger and KH domain-containing protein 3, MEX3B, Ring finger protein 195, RNF195
Accession No.	Swiss-Prot:Q6ZN04Gene ID:84206
Uniprot	Q6ZN04
GeneID	84206;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



Western blot analysis of RKHD3 in mouse skeletal muscle tissue lysate with RKHD3 antibody at 1 ug/mL.

Background

Rkhd3, also known as MEX3B 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 Rkhd3, 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. Rkhd3 is thought to act as a mechanism to fine-tune mRNA regulation in early Xenopus development, and with Rkhd4, but not Rkhd1, will co-localize with both the hDcp1a decapping factor and Argonaute (Ago) proteins in processing bodies (P bodies), recently characterized as centers of mRNA turnover.

Note: This product is for in vitro research use only