
Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:20-1:200

Protein Background:

RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Binds both poly(A) and poly(U) homopolymers. Phosphorylation by PTK6 inhibits its RNA-binding ability. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by direct binding to purine-rich exonic enhancer. Can regulate alternative splicing of NRXN1 in the laminin G-like domain 6 containing the evolutionary conserved neurexin alternative spliced segment 4 (AS4) involved in neurexin selective targeting to postsynaptic partners. Regulates cell-type specific alternative splicing of NRXN1 at AS4 and acts synergistically with SAM68 in exon skipping. In contrast acts antagonistically with SAM68 in NRXN3 exon skipping at AS4. Its phosphorylation by FYN inhibits its ability to regulate splice site selection. May function as an adapter protein for Src kinases during mitosis.

Gene ID:

KHDRBS2

Uniprot

Q5VWX1

Synonyms:

KH domain-containing, RNA-binding, signal transduction-associated protein 2 (Sam68-like mammalian protein 1) (SLM-1) (hSLM-1), KHDRBS2, SLM1

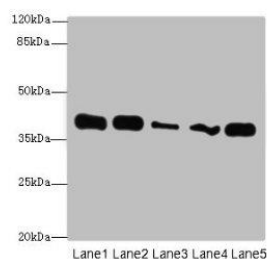
Immunogen:

Recombinant Human KH domain-containing, RNA-binding, signal transduction-associated protein 2 protein (1-349AA).

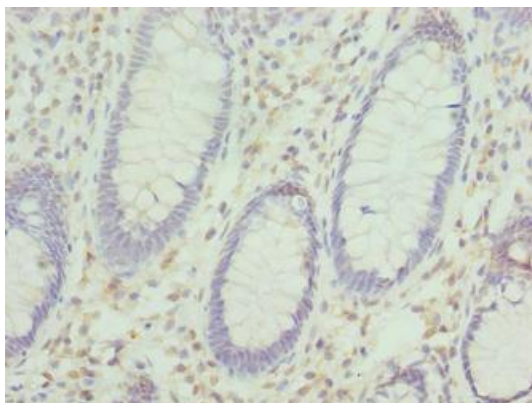
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot. All lanes: KHDRBS2 antibody at 7 μ g/ml. Lane 1: K562 whole cell lysate. Lane 2: Hela whole cell lysate. Lane 3: A431 whole cell lysate. Lane 4: Jurkat whole cell lysate. Lane 5: NIH/3T3 whole cell lysate. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 39 kDa. Observed band size: 39 kDa.



Immunohistochemistry of paraffin-embedded human colon cancer using PACO36554 at dilution of 1:100.