# antibodies - online.com







# anti-KHDRBS2 antibody (AA 1-349)

**Images** 



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Target:

Alternative Name:

Background:

Quantity:	100 μg
Target:	KHDRBS2
Binding Specificity:	AA 1-349
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KHDRBS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA
Product Details	
Immunogen:	Recombinant Human KH domain-containing, RNA-binding, signal transduction-associated protein 2 protein (1-349AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified
Target Details	

Background: RNA-binding protein that plays a role in the regulation of alternative splicing and

KHDRBS2

KHDRBS2 (KHDRBS2 Products)

influences mRNA splice site selection and exon inclusion. Binds both poly(A) and poly(U) homopolymers. Phosphorylation by PTK6 inhibits its RNA-binding ability (By similarity). 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 synergystically 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.

Aliases: KH domain containing, RNA binding, signal transduction associated protein 2 antibody, 6330586C16Rik antibody, bA535F17.1 antibody, FLJ38664 antibody, hSLM 1 antibody, hSLM-1 antibody, KH domain containing, RNA binding, signal transduction associated 2 antibody, KH domain-containing antibody, KHDR2\_HUMAN antibody, khdrbs2 antibody, MGC26664 antibody, RNA-binding antibody, Sam68 like mammalian protein 1 antibody, Sam68-like mammalian protein 1 antibody, signal transduction-associated protein 2 antibody, SLM 1 antibody, SLM-1 antibody, SLM1 antibody

UniProt:

Q5VWX1

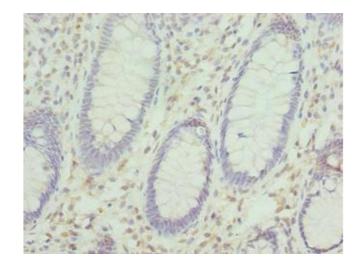
#### **Application Details**

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

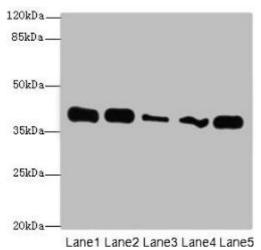
## Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



## **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7157478 at dilution of 1:100



#### **Western Blotting**

Image 2. Western blot All lanes: KHDRBS2 antibody at  $7 \,\mu$  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 lgG at 1/10000 dilution Predicted band size: 39 kDa Observed band size: 39 kDa