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Datasheet for ABIN7157481

anti-KHDRBS2 antibody (AA 1-349) (HRP)

Overview

Quantity:	100 µg
Target:	KHDRBS2
Binding Specificity:	AA 1-349
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KHDRBS2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human KH domain-containing, RNA-binding, signal transduction-associated protein 2 protein (1-349AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	KHDRBS2
Alternative Name:	KHDRBS2 (KHDRBS2 Products)
Background:	Background: RNA-binding protein that plays a role in the regulation of alternative splicing and

Target Details

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 neuexin alternative spliced segment 4 (AS4) involved in neuexin 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.

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: Optimal working dilution should be determined by the investigator.

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.