

Datasheet for ABIN7157479

**anti-KHDRBS2 antibody (AA 1-349) (Biotin)**[Go to Product page](#)

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | KHDRBS2                                       |
| Binding Specificity: | AA 1-349                                      |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                    |
| Conjugate:           | This KHDRBS2 antibody is conjugated to Biotin |
| 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 ( <a href="#">KHDRBS2 Products</a> )  |
| 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.