Datasheet for ABIN7115656

anti-KHDRBS3 antibody

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Overview

Quantity:	100 µg
Target:	KHDRBS3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KHDRBS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	KH domain containing, RNA binding, signal transduction associated 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	KHDRBS3
Alternative Name:	KHDRBS3 (KHDRBS3 Products)
Background:	Synonyms:SALP, SLM2 Background:RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Binds preferentially to the 5'-[AU]UAAA-3' motif in vitro. Binds optimally to RNA containing 5'-[AU]UAA-3' as a bipartite motif spaced by more than 15 nucleotides. Binds poly(A). RNA-binding abilities

Target Details

	are down-regulated by tyrosine kinase PTK6(PubMed:10564820, PubMed:19561594, PubMed:26758068). Involved in splice site selection of vascular endothelial growth factor(PubMed:15901763). In vitro regulates CD44 alternative splicing by direct binding to purine-rich exonic enhancer(By similarity). Can regulate alternative splicing of neurexins NRXN1-3 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 such as neuroligins and LRRTM family members(PubMed:26758068). Targeted, cell-type specific splicing regulation of NRXN1 at AS4 is involved in neuronal glutamatergic synapse function and plasticity(By similarity). May regulate expression of KHDRBS2/SLIM-1 in defined brain neuron populations by modifying its alternative splicing(By similarity). Can bind FABP9 mRNA(By similarity). May play a role as a negative regulator of cell growth. Inhibits cell proliferation. (Microbial infection) Involved in post-transcriptional regulation of HIV-1 gene expression.
Molecular Weight:	55 kDa
Gene ID:	10656
UniProt:	O75525

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months

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