

Datasheet for ABIN6142833

anti-KHDRBS3 antibody (AA 177-346)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	KHDRBS3
Binding Specificity:	AA 177-346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KHDRBS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 177-346 of human KHDRBS3 (NP_006549.1).
Sequence:	GSENADVPVV RGKPTLRTRG VPAPAITRGR GGVTARPGV VVPRGTPTPR GVLSTRGPVS RGRGLLTGRA RGVPTGYRP PPPPTQETY GEYDYDDGYG TAYDEQSYDS YDNSYSTPAQ SGADYYDYGH GLSEETYDSY GQEEWTNSRH KAPSARTAKG VYRDQPYGRY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KHDRBS3
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Target Details

Alternative Name:	KHDRBS3 (KHDRBS3 Products)
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 are down-regulated by tyrosine kinase PTK6. Involved in splice site selection of vascular endothelial growth factor. 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. 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.,KHDRBS3,Etle,SALP,SLM-2,SLM2,T-STAR,TSTAR,etoile,Epigenetics & Nuclear Signaling,KHDRBS3
Molecular Weight:	30 kDa/38 kDa
Gene ID:	10656
UniProt:	075525

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

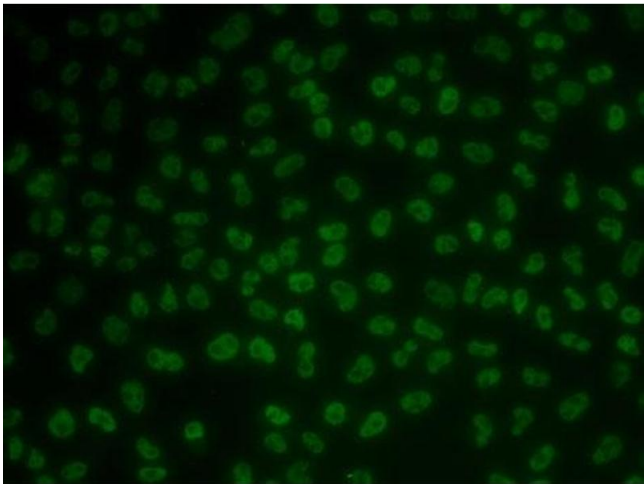
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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.

Handling

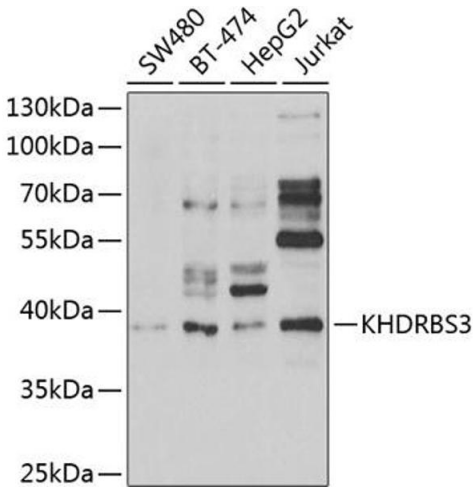
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using KHDRBS3 antibody (ABIN6131841, ABIN6142833, ABIN6142834 and ABIN6222332).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using KHDRBS3 antibody (ABIN6131841, ABIN6142833, ABIN6142834 and ABIN6222332) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.