

## Product datasheet for **TA377777**

### **KHDRBS3 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:100
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 177-346 of human KHDRBS3 (NP_006549.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa/38kDa
Gene Name:	KH RNA binding domain containing, signal transduction associated 3
Database Link:	<a href="#">Entrez Gene 10656 Human O75525</a>



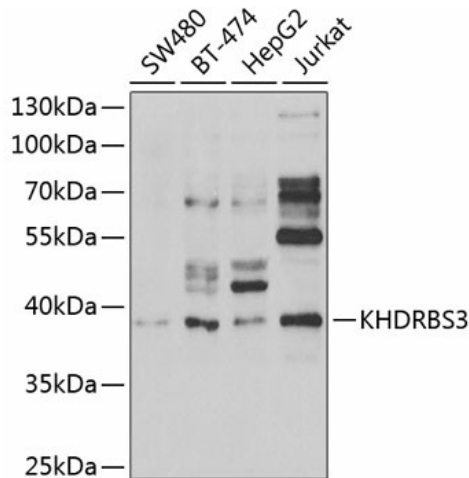
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**Background:**

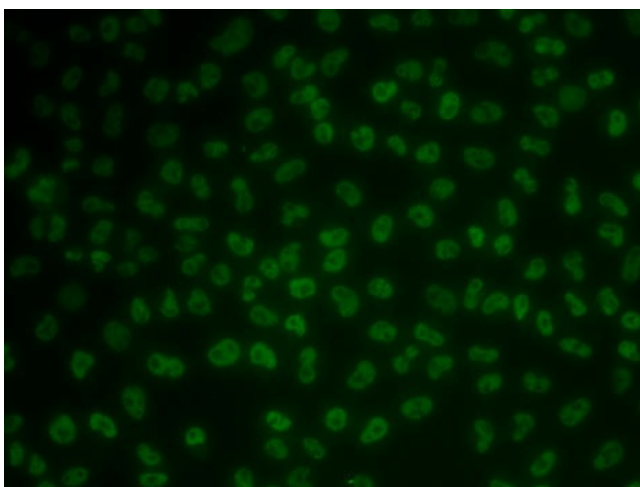
RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Binds preferentially to the 5'-[AU]UAAA-3' motif in vitro. Binds optimally to RNA containing 5'-[AU]UAA-3' as a bipartite motif spaced by more than 15 nucleotides. 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.

**Synonyms:**

Etle; etoile; SALP; SLM-2; SLM2; T-STAR; TSTAR

**Product images:**

Western blot analysis of extracts of various cell lines, using KHDRBS3 antibody (TA377777) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit . | Exposure time: 90s.



Immunofluorescence analysis of MCF7 cells using KHDRBS3 antibody (TA377777).