



# KHDR3 Polyclonal Antibody

<b>Catalog No</b>	BYab-05684
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	KHDRBS3 SALP SLM2
<b>Protein Name</b>	KH domain-containing, RNA-binding, signal transduction-associated protein 3 (RNA-binding protein T-Star) (Sam68-like mammalian protein 2) (SLM-2) (Sam68-like phosphotyrosine protein)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	KHDR3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	38kD
<b>Cell Pathway</b>	Nucleus . Localized in a compartment adjacent to the nucleolus, but distinct from the peri-nucleolar one.
<b>Tissue Specificity</b>	Ubiquitous with higher expression in testis, skeletal muscle and brain. Expressed in the kidney only in podocytes, the glomerular epithelial cells of the kidney. Strongly expressed after meiosis.
<b>Function</b>	domain:The proline-rich site binds the SH3 domain of the p85 subunit of PI3-kinase.,function:RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. May play a role as a negative regulator of cell growth. Inhibits cell proliferation. Involved in splice site selection of vascular endothelial growth factor. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by direct binding to purine-rich exonic enhancer. RNA-binding abilities are down-regulated by tyrosine kinase PTK6. Involved in post-transcriptional regulation of HIV-1 gene expression.,induction:Induced in proteinuric diseases.

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### Background

domain:The proline-rich site binds the SH3 domain of the p85 subunit of PI3-kinase.,function:RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. May play a role as a negative regulator of cell growth. Inhibits cell proliferation. Involved in splice site selection of vascular endothelial growth factor. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by direct binding to purine-rich exonic enhancer. RNA-binding abilities are down-regulated by tyrosine kinase PTK6. Involved in post-transcriptional regulation of HIV-1 gene expression.,induction:Induced in proteinuric diseases. Down-regulated in immortalized fibroblasts isolated after a proliferative crisis accompanied with massive cell death.,PTM:Phosphorylated on tyrosine residues. Isoform 1 C-terminal region is tyrosine-rich, but isoform 2 lacking this C-terminal region is also tyrosine-phosphorylated.,similarity:Belongs to the KHDRBS family.,similarity:Contains 1 KH domain.,subcellular location:Localized in a compartment adjacent to the nucleolus, but distinct from the peri-nucleolar one.,subunit:Self-associates to form homo-oligomers. Interacts with the splicing regulatory proteins SFRS9, SAFB and YTHDC1. Interacts also with HNRPL and SLM1/KHDRBS2 (By similarity). Interacts with KHDRBS1, RBMX, RBMY1A1 and with p85 subunit of PI3-kinase. Interacts also with SIAH1 which promotes targeting for degradation.,tissue specificity:Ubiquitous with higher expression in testis, skeletal muscle and brain. Expressed in the kidney only in podocytes, the glomerular epithelial cells of the kidney. Strongly expressed after meiosis.,

### matters needing attention

Avoid repeated freezing and thawing!

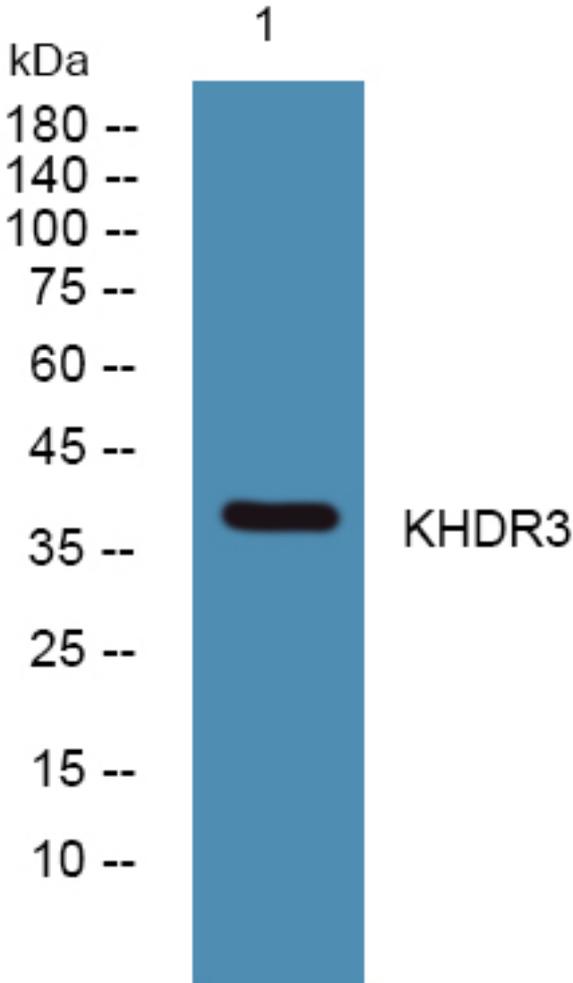
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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## Products Images



Western blot analysis of lysates from K562 cells,  
primary antibody was diluted at 1:1000, 4° over night