



# KHDR3 rabbit pAb

Cat No.:ES9757

For research use only

## Overview

<b>Product Name</b>	KHDR3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<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, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<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>Gene Name</b>	KHDRBS3 SALP SLM2
<b>Cellular localization</b>	Nucleus . Localized in a compartment adjacent to the nucleolus, but distinct from the peri-nucleolar one.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	38kD
<b>Human Gene ID</b>	10656
<b>Human Swiss-Prot Number</b>	O75525
<b>Alternative Names</b>	
<b>Background</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



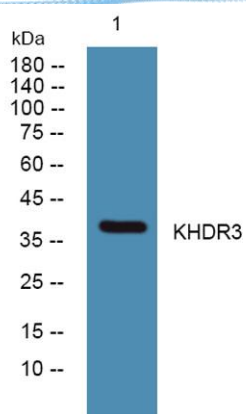


influences mRNA splice site selection and exon inclusion. May play a role as a negative regulator of cell growth. Inhibits cell proliferation. Involved in splice site selection of vascular endothelial growth factor. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by 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. 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.,





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



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C