BT LAB
Bioassay Technology Laboratory
Optimize Your Research

KHDR3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10676
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	KH domain-containing, RNA-binding, signal transduction-associated protein 3
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The proline-rich site binds the SH3 domain of the p85 subunit of PI3-kinase.,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.,Belongs to the KHDRBS family.,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.,

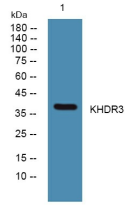
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year

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