



# KHDR3 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-05684                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>                   | KHDRBS3 SALP SLM2                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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>                    | Etle;etoile;KHDRBS3;RNA binding protein T Star;SALP;Sam68 like mammalian protein 2;SLM 2;SLM2;T STAR;TSTAR;KHDR3;KHDRBS3 SALP SLM2;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>Observed Band</b>               | 38kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</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. 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 tyro

## 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.



## Products Images

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

