

## Product datasheet

# Anti-KHDRBS3 antibody ab81545

### Overview

<b>Product name</b>	Anti-KHDRBS3 antibody
<b>Description</b>	Rabbit polyclonal to KHDRBS3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide derived from the N terminal domain of Human KHDRBS3

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: Whole serum
<b>Purity</b>	Whole antiserum
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab81545** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		1/100 - 1/500.
IHC-P		Use at an assay dependent concentration.
WB		1/500 - 1/5000. Predicted molecular weight: 39 kDa.

### Target

<b>Function</b>	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.
<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>Sequence similarities</b>	Belongs to the KHDRBS family. Contains 1 KH domain.
<b>Domain</b>	The proline-rich site binds the SH3 domain of the p85 subunit of PI3-kinase.
<b>Post-translational modifications</b>	Phosphorylated on tyrosine residues. Isoform 1 C-terminal region is tyrosine-rich, but isoform 2 lacking this C-terminal region is also tyrosine-phosphorylated.
<b>Cellular localization</b>	Nucleus. Localized in a compartment adjacent to the nucleolus, but distinct from the peri-nucleolar one.

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