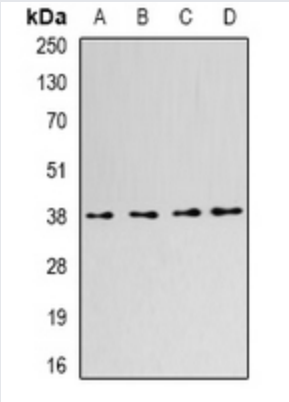
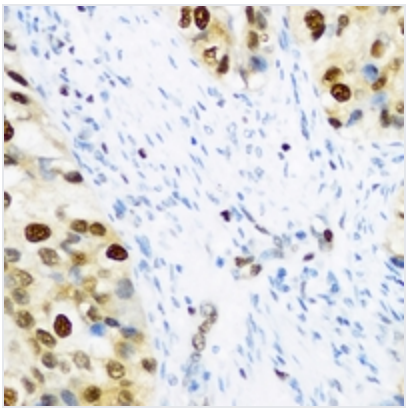
KHDRBS2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLM-1 (KHDRBS2), Polyclonal Antibody
Full Product Name	Anti-SLM-1 Antibody
Product Gene Name	anti-KHDRBS2 antibody
Product Synonym Names	SLM1; KH domain-containing, RNA-binding, signal transduction-associated protein 2; Sam68-like mammalian protein 1; SLM-1; hSLM-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of SLM-1 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	38,927 Da
OMIM	610487
3D Structure	ModBase 3D Structure for Q5VWX1
Immunogen	KLH-conjugated synthetic peptide of human SLM-1
Applications Tested/Suitable for anti-KHDRBS2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-KHDRBS2 antibody	WB: 1/500 - 1/1000; IHC: 1/100 - 1/200
Related Product Information for anti-KHDRBS2 antibody	MBS8245595 is an antibody targeting KHDRBS2. Also known as Anti-SLM-1 Antibody. Reactive in Human. Host: Rabbit. Rabbit polyclonal antibody to SLM-1
Other Notes	Small volumes of anti-KHDRBS2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-KHDRBS2 antibody
Western blot analysis of SLM-1 expression in Hela (A), K562 (B), MCF7 (C), NIH3T3 (D) whole cell lysates.



Immunohistochemistry (IHC) of anti-KHDRBS2 antibody
Immunohistochemical analysis of SLM-1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KHDRBS2. It may not necessarily be applicable to this product.

NCBI GI #	189217895
NCBI GeneID	202559
NCBI Accession #	NP_689901.2
UniProt Primary Accession #	Q5VWX1
UniProt Secondary Accession #	Q8N4I4; Q8TCZ4; A8K7M8
UniProt Related Accession #	Q5VWX1
GenBank Nucleotide #	NM_152688.3
NCBI Official Full Name	KH domain-containing, RNA-binding, signal transduction-associated protein 2
NCBI Official Synonym Full Names	KH domain containing, RNA binding, signal transduction associated 2
NCBI Official Symbol	KHDRBS2
NCBI Official Synonym Symbols	SLM1; SLM-1
UniProt Protein Name	KH domain-containing, RNA-binding, signal transduction-associated protein 2
UniProt Synonym Protein Names	Sam68-like mammalian protein 1; SLM-1; hSLM-1
Protein Family	KH domain-containing, RNA-binding, signal transduction-associated protein
UniProt Gene Name	KHDRBS2
UniProt Synonym Gene Names	SLM1; SLM-1; hSLM-1
UniProt Entry Name	KHDR2_HUMAN
NCBI Protein Information	KH domain-containing, RNA-binding, signal transduction-associated protein 2

UniProt Comments for KHDRBS2	KHDRBS2: RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Its phosphorylation by FYN inhibits its ability to regulate splice site selection. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by direct binding to purine-rich exonic enhancer. May function as an adapter protein for Src kinases during mitosis. Binds both poly(A) and poly(U) homopolymers. Phosphorylation by PTK6 inhibits its RNA-binding ability. Belongs to the KHDRBS family. Chromosomal Location of Human Ortholog: 6q11.1 Cellular Component: nucleoplasm Molecular Function: poly(A) binding; poly(U) binding; protein binding; protein heterodimerization activity; SH2 domain binding; SH3 domain binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent
Research Articles on KHDRBS2	**1.** molecular cloning and characterization
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