

For Research Use Only

KHDRBS3 Polyclonal antibody

Catalog Number: 13563-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

13563-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4438

GenBank Accession Number:

BC032606

GeneID (NCBI):

10656

UNIPROT ID:

O75525

Full Name:

KH domain containing, RNA binding, signal transduction associated 3

Calculated MW:

346 aa, 38, 8 kDa

Observed MW:

55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue, BGC-823 cells, A549 cells, human brain tissue

IHC : human gliomas tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

KH domain-containing, RNA-binding, signal transduction-associated protein 3 (KHDRBS3, SLM2) is a RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion (15901763). 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 (11741900). 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. This antibody is a rabbit polyclonal antibody raised against a full-length human KHDRBS3 protein. The observed molecular weight of KHDRBS3 is about 55kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Peiqi Wu	31296839	Cell Death Dis	WB
Kanokkuan Somrit	39413902	Life Sci	WB
Lei Cao	39141012	Am J Reprod Immunol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

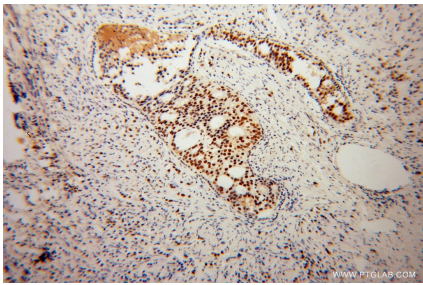
For technical support and original validation data for this product please contact:

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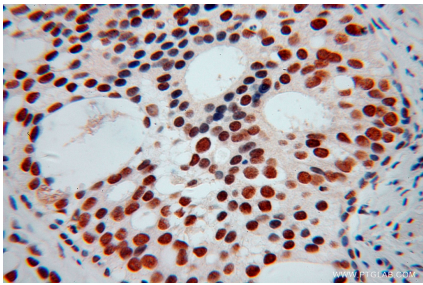
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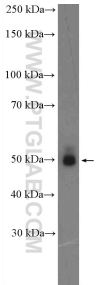
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human gliomas using 13563-1-AP (KHDRBS3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas using 13563-1-AP (KHDRBS3 antibody) at dilution of 1:100 (under 40x lens).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13563-1-AP (KHDRBS3 Antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.