

KHDRBS1 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant KHDRBS1.****Catalog # AT2607a****Specification**

KHDRBS1 Antibody (monoclonal) (M03) - Product Information

Application	IF, WB, IHC, E
Primary Accession	Q07666
Other Accession	BC000717
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	48227

KHDRBS1 Antibody (monoclonal) (M03) - Additional Information**Gene ID** 10657**Other Names**

KH domain-containing, RNA-binding, signal transduction-associated protein 1, GAP-associated tyrosine phosphoprotein p62, Src-associated in mitosis 68 kDa protein, Sam68, p21 Ras GTPase-activating protein-associated p62, p68, KHDRBS1 ([HGNC:18116](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18116))

Target/Specificity

KHDRBS1 (AAH00717, 176 a.a. ~ 275 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

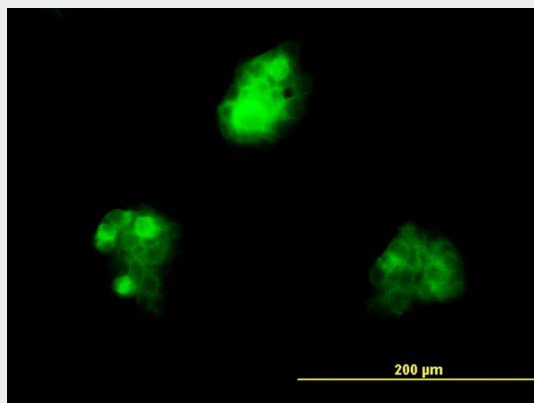
KHDRBS1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

KHDRBS1 Antibody (monoclonal) (M03) - Protocols

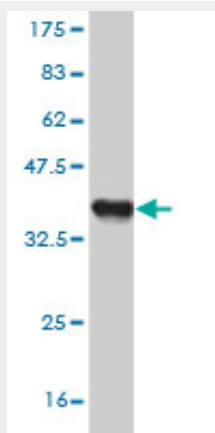
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

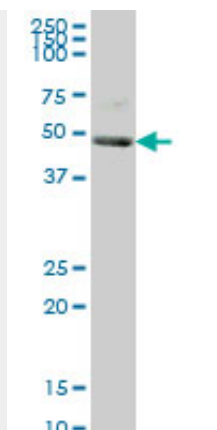
KHDRBS1 Antibody (monoclonal) (M03) - Images



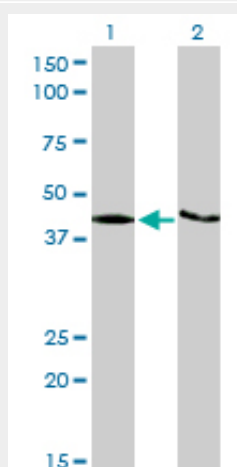
Immunofluorescence of monoclonal antibody to KHDRBS1 on A-431 cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



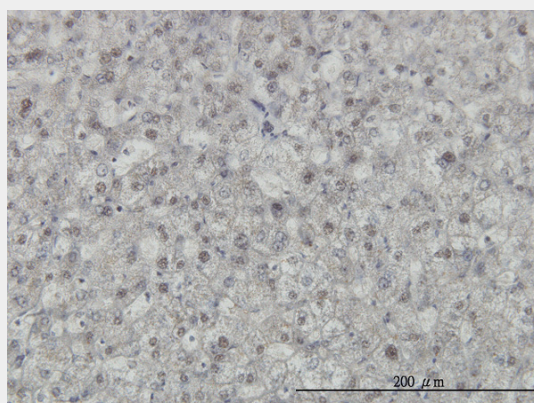
KHDRBS1 monoclonal antibody (M03), clone 1A4 Western Blot analysis of KHDRBS1 expression in A-431 (Cat # AT2607a)



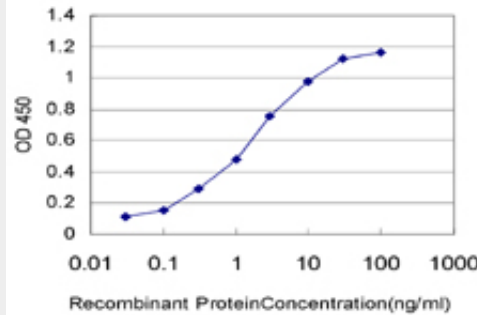
Western Blot analysis of KHDRBS1 expression in transfected 293T cell line by KHDRBS1 monoclonal antibody (M03), clone 1A4.

Lane 1: KHDRBS1 transfected lysate(41 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to KHDRBS1 on formalin-fixed paraffin-embedded human liver. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged KHDRBS1 is approximately 0.03ng/ml as a capture antibody.

KHDRBS1 Antibody (monoclonal) (M03) - References

The splicing regulator Sam68 binds to a novel exonic splicing silencer and functions in SMN2 alternative splicing in spinal muscular atrophy. Pedrotti S, et al. EMBO J, 2010 Apr 7. PMID 20186123. Sam68 sequestration and partial loss of function are associated with splicing alterations in FXTAS patients. Sellier C, et al. EMBO J, 2010 Apr 7. PMID 20186122. Alternative splicing of the cyclin D1 proto-oncogene is regulated by the RNA-binding protein Sam68. Paronetto MP, et al. Cancer Res, 2010 Jan 1. PMID 20028857. Proteomic identification of heterogeneous nuclear ribonucleoprotein L as a novel component of SLM/Sam68 Nuclear Bodies. Rajan P, et al. BMC Cell Biol, 2009 Nov 13. PMID 19912651. Expression and cytoplasmic localization of SAM68 is a significant and independent prognostic marker for renal cell carcinoma. Zhang Z, et al. Cancer Epidemiol Biomarkers Prev, 2009 Oct. PMID 19755649.