

Product Name: KD-Validated KHDRBS1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01310

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 48.2kDa

Antigen Information

Gene Name	KHDRBS1
Alternative Names	KHDRBS1; KH RNA Binding Domain Containing, Signal Transduction Associated 1; Sam68; Src-Associated In Mitosis 68 KDa Protein; P62; KH Domain-Containing, RNA-Binding, Signal Transduction-Associated Protein 1; P21 Ras GTPase-Activating Protein-Associated P62; GAP-Associated Tyrosine Phosphoprotein P62; FLJ34027; P68; KH Domain Containing, RNA Binding, Signal Transduction Associated 1; GAP-Associated Tyrosine Phosphoprotein P62 (Sam68); SAM68
Gene ID	10657.0
SwissProt ID	Q07666
Immunogen	A synthesized peptide derived from human SAM68

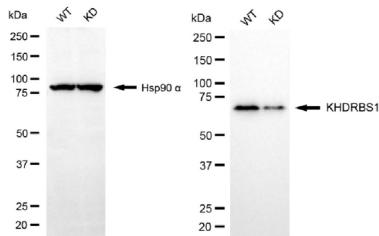
Background

This gene encodes a member of the K homology domain-containing, RNA-binding, signal transduction-associated protein family. The encoded protein appears to have many functions and may be involved in a variety of cellular processes, including alternative splicing, cell cycle regulation, RNA 3'-end formation, tumorigenesis, and regulation of human immunodeficiency virus gene expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]

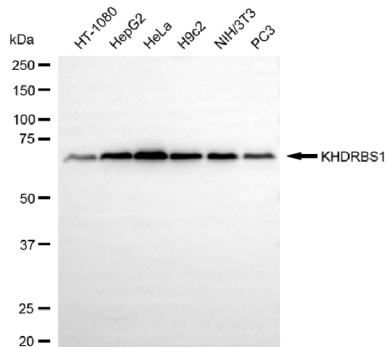
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling

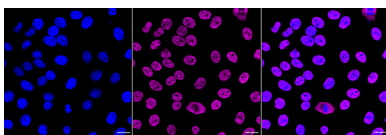
Image Data



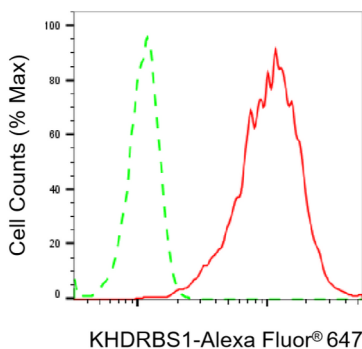
Western blotting analysis using KHDRBS1 antibody (KVA01310). KHDRBS1 expression in wild type (WT) and KHDRBS1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with KHDRBS1 antibody (KVA01310, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using KHDRBS1 antibody (KVA01310). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with KHDRBS1 antibody (KVA01310, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with KHDRBS1 antibody (KVA01310, 1:1,000). Nuclei were stained blue with DAPI; KHDRBS1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of KHDRBS1 expression in HepG2 cells using KHDRBS1 antibody (KVA01310, 1:2,000). Green, isotype control; red, KHDRBS1.