

Product Name: KD-Validated RAVER2 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00973

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC,IHC-P
Reactivity	Human
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; IHC-P 1:100-1:200
Molecular Weight	Calculated MW: 74.3kDa

Antigen Information

Gene Name	RAVER2
Alternative Names	Ribonucleoprotein, PTB Binding 2; KIAA1579; Ribonucleoprotein PTB-Binding 2; Protein Raver-2; FLJ10770; Ribonucleoprotein, PTB-Binding 2
Gene ID	55225.0
SwissProt ID	Q9HCJ3
Immunogen	A synthesized peptide derived from human RAVER2

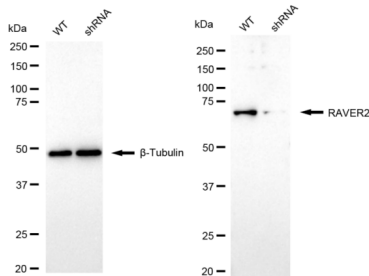
Background

Enables RNA binding activity. Predicted to be located in cytoplasm and nucleus. [provided by Alliance of Genome Resources, Jul 2025]

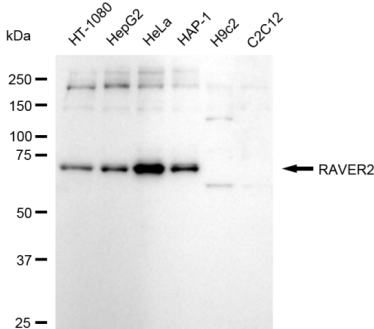
Research Area

Epigenetics and Nuclear Signaling

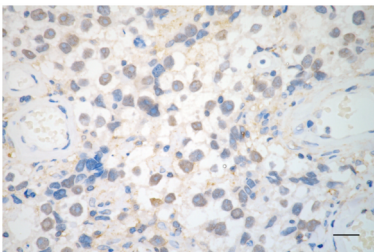
Image Data



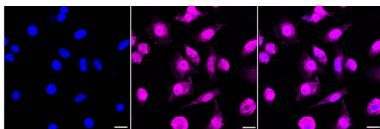
Western blotting analysis using RAVER2 antibody (KVA00973). RAVER2 expression in wild type (WT) and RAVER2 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with RAVER2 antibody (KVA00973, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



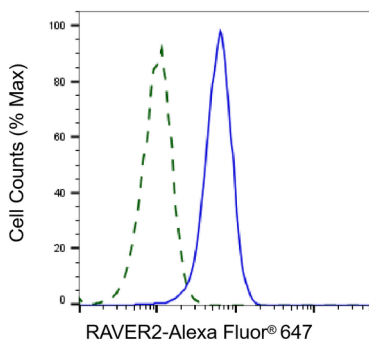
Western blotting analysis using RAVER2 antibody (KVA00973). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with RAVER2 antibody (KVA00973, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



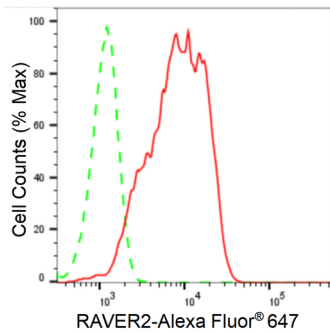
Immunohistochemistry was performed on paraffin-embedded human seminoma using RAVER2 antibody (KVA00973, 1:200). Antigen retrieval was done in sodium citrate buffer (pH 6.0). DAB was used for detection, with hematoxylin counterstaining. Images were acquired using a Nikon Ci-L Plus microscope (40× objective). Scale bar: 25 µm.



Immunocytochemical staining of HeLa cells with RAVER2 antibody (KVA00973, 1:1,000). Nuclei were stained blue with DAPI; RAVER2 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.



Validation of RAVER2 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with RAVER2 antibody (KVA00973, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of RAVER2 expression in HeLa cells using RAVER2 antibody (KVA00973, 1:2,000). Green, isotype control; red, RAVER2.