
Product Name: KD-Validated RalA Binding Protein 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00968**

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 1:2000-1:10,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 76.1kDa

Antigen Information

Gene Name	RALBP1 RalA Binding Protein 1; RLIP76; RIP1; Dinitrophenyl S-Glutathione ATPase; 76 KDa Ral-
Alternative Names	Interacting Protein; Ral-Interacting Protein 1; RalA-Binding Protein 1; DNP-SG ATPase; RLIP1; RIP; EC 7.6.2.2; EC 7.6.2.3; RalBP1; RLIP
Gene ID	10928.0
SwissProt ID	Q15311
Immunogen	A synthesized peptide derived from human RALBP1

Background

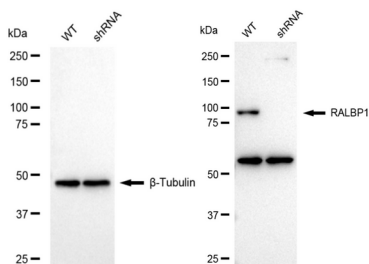
RALBP1 plays a role in receptor-mediated endocytosis and is a downstream effector of the small GTP-binding protein RAL (see

RALA; MIM 179550). Small G proteins, such as RAL, have GDP-bound inactive and GTP-bound active forms, which shift from the inactive to the active state through the action of RALGDS (MIM 601619), which in turn is activated by RAS (see HRAS; MIM 190020) (summary by Feig, 2003 [PubMed 12888294]).[supplied by OMIM, Nov 2010]

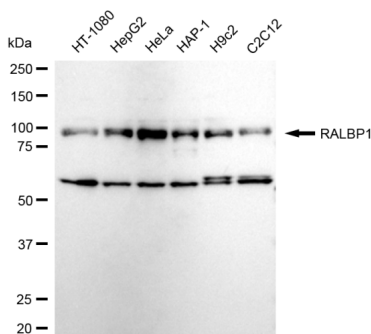
Research Area

Cell Biology,Signal Transduction,Immunology

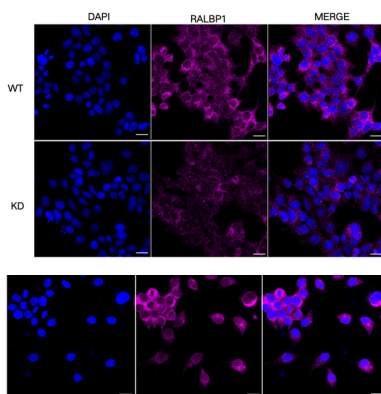
Image Data



Western blotting analysis using RALBP1 antibody (KVA00968). RALBP1 expression in wild type (WT) and RALBP1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with RALBP1 antibody (KVA00968, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.

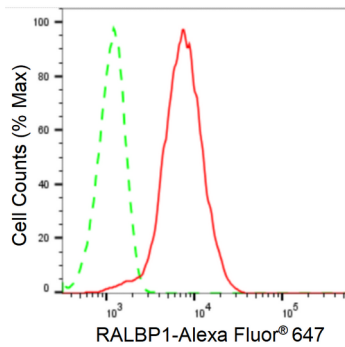


Western blotting analysis using RALBP1 antibody (KVA00968). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with RALBP1 antibody (KVA00968, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using RALBP1 antibody (KVA00968, 1:1,000). Top panel: wild-type (WT); Bottom panel: RALBP1 shRNA knockdown (KD). Nuclei were stained blue with DAPI; RALBP1 was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm.

Immunocytochemical staining of HeLa cells with RALBP1 antibody (KVA00968, 1:1,000). Nuclei were stained blue with DAPI; RALBP1 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 RALBP1 expression in HeLa cells using RALBP1 antibody (KVA00968, 1:2,000). Green, isotype control; red, RALBP1.