

KD-Validated Anti-RaIA Binding Protein 1 Rabbit Monoclonal

Rabbit monoclonal antibody

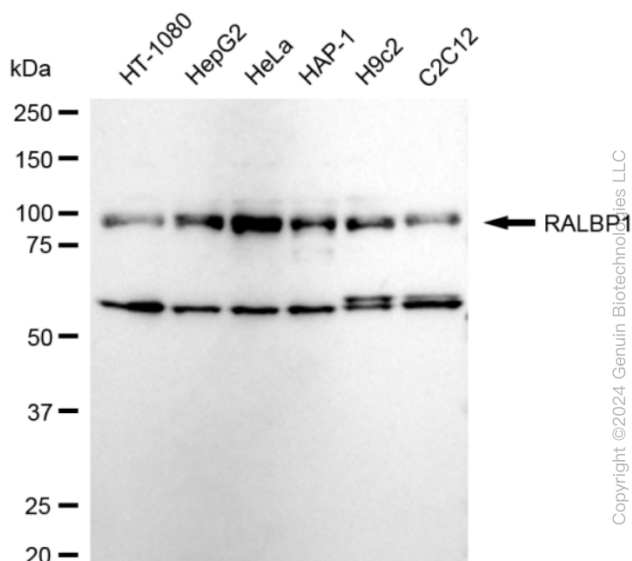
ABG1632

Product Overview

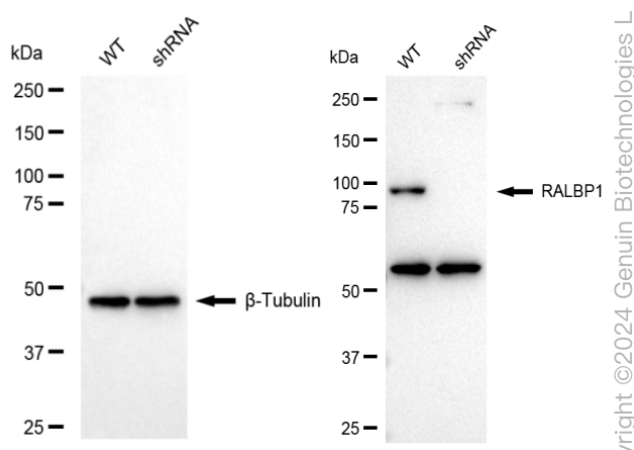
Name	KD-Validated Anti-RaIA Binding Protein 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q15311
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human RALBP1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 76 kDa , observed , 95 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,000-1:10,000 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (Q15311)

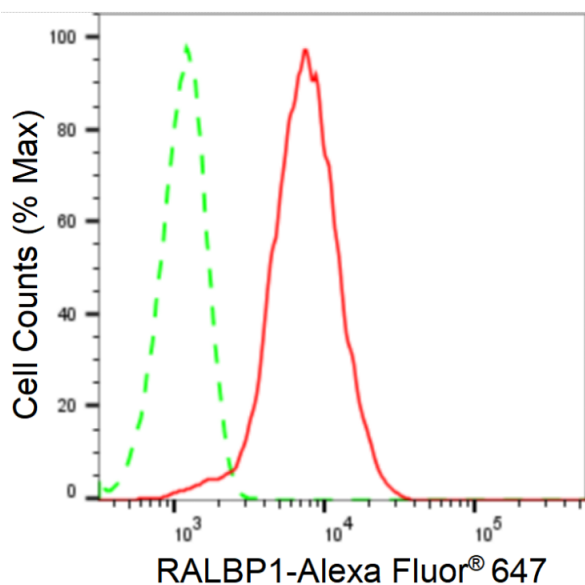
Gene Name	RALBP1
About Gene Symbol	RALBP1 (RaIA Binding Protein 1) is an actin regulatory protein involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



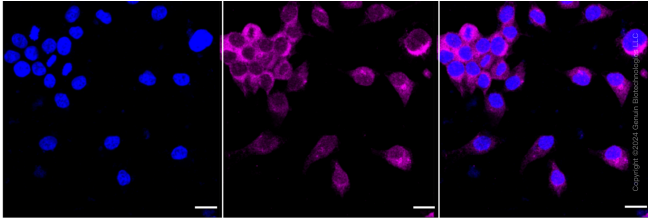
Western blotting analysis using anti-RALBP1 antibody (Cat#ABG1632). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RALBP1 antibody (Cat#ABG1632, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RALBP1 antibody (Cat#ABG1632). 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 anti-RALBP1 antibody (Cat#ABG1632, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of RALBP1 expression in HeLa cells using RALBP1 antibody (Cat#ABG1632, 1:2,000). Green, isotype control; red, RALBP1.



Immunocytochemical staining of HeLa cells with anti-RALBP1 antibody (Cat#ABG1632, 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 μ m.