

Product Name: KD-Validated RAB27 Mouse Monoclonal Antibody**Catalog #: KVA00604**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1 kappa
Clonality	Mouse 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
Molecular Weight	Calculated MW: 24.9kDa

Antigen Information

Gene Name	RAB27A RAB27A; RAB27A, Member RAS Oncogene Family; RAB27; HsT18676; RAM; GS2; Ras-Related
Alternative Names	Protein Rab-27A; GTP-Binding Protein Ram; Rab-27; Mutant Ras-Related Protein Rab-27A; EC 3.6.5.2
Gene ID	5873.0
SwissProt ID	P51159
Immunogen	Recombinant protein of human RAB27

Background

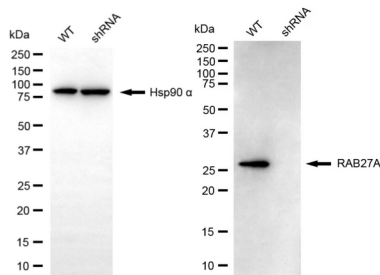
The protein encoded by this gene belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and may be involved in protein transport and small GTPase mediated signal transduction. Mutations in this gene are associated

with Griscelli syndrome type 2. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

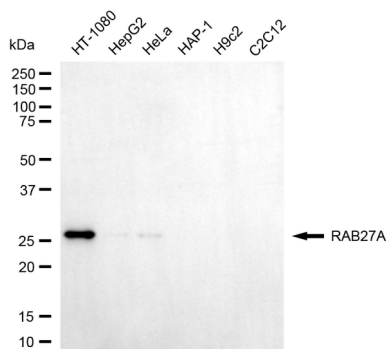
Research Area

Signal Transduction

Image Data



Western blotting analysis using RAB27A antibody (KVA00604). RAB27A expression in wild-type (WT) and RAB27A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with RAB27A antibody (KVA00604, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using RAB27A antibody (KVA00604). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with RAB27A antibody (KVA00604, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.