

RAB21 Polyclonal antibody

Catalog Number: 31303-1-AP

Basic Information

Catalog Number:

31303-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35291

GenBank Accession Number:

NM_014999

GeneID (NCBI):

23011

UNIPROT ID:

Q9UL25

Full Name:

RAB21, member RAS oncogene family

Calculated MW:

24 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MDA-MB-231 cells, HeLa cells

Background Information

Small GTPase Rab21 is a ubiquitously expressed and has recently been shown to associate with the α tails of several integrins via the shared conserved membrane proximal sequence, thus regulating cell adhesion and migration via controlling the endo/exocytic trafficking of most integrin heterodimers (PMID: 18804435). Rab21 is required for the pruning of the immature neurites during the multipolar-to-bipolar transition (PMID: 36683567). Knock down of Rab21 impairs integrin-mediated cell adhesion and motility, whereas its overexpression stimulates cell migration and cancer cell adhesion to collagen and human bone (PMID: 16754960).

Storage

Storage:

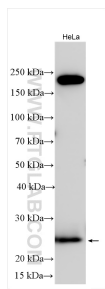
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

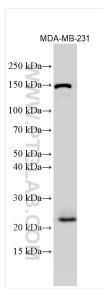
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31303-1-AP (RAB21 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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