

Product Name: Rab4A (17S4) Rabbit Monoclonal Antibody
Catalog #: AMRe16793

Summary

Production Name	Rab4A (17S4) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	RAB4A
Alternative Names	Rab4; RAB4A; HRES 1; RAB4; Ras related protein Rab 4A;
Gene ID	5867.0
SwissProt ID	P20338.

Application

Dilution Ratio	WB 1:1000-1:2000
Molecular Weight	24kDa

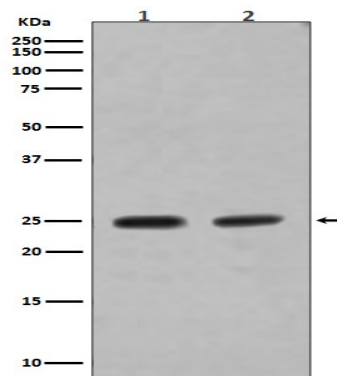
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Background

The protein encoded by this gene belongs to the rab family. Rab4A protein is involved in the regulation of procathepsin L secretion, it was either inhibited by expression of a Rab4A dominant-negative mutant or increased by overexpression of the wild-type Rab4A in human melanoma cells. Small GTPase which cycles between an active GTP-bound and an inactive GDP-bound state (PubMed: [15907487](http://www.uniprot.org/citations/15907487), PubMed: [16034420](http://www.uniprot.org/citations/16034420)). Involved in protein transport (PubMed: [29425100](http://www.uniprot.org/citations/29425100)). Plays a role in vesicular traffic. Mediates VEGFR2 endosomal trafficking to enhance VEGFR2 signaling (PubMed: [29425100](http://www.uniprot.org/citations/29425100)). Acts as a regulator of platelet alpha-granule release during activation and aggregation of platelets (By similarity).

Research Area

Image Data



Western blot analysis of Rab4A expression in (1) SH-SY5Y cell lysate; (2) MCF-7 cell lysate.

Note

For research use only.