

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
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

Application

Dilution Ratio	WB 1:1000-1:5000, ICC/IF 1:100-1:200
Molecular Weight	24kDa

Antigen Information

Gene Name	RAB4A
Alternative Names	Rab4; RAB4A; HRES 1; RAB4; Ras related protein Rab 4A;
Gene ID	5867.0
SwissProt ID	P20338
Immunogen	A synthetic peptide of human Rab4

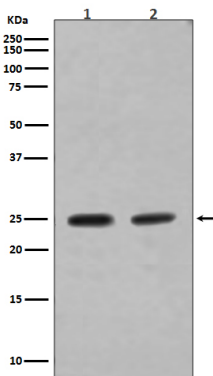
Background

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, PubMed:16034420). Involved in protein transport (PubMed:29425100). Plays a role in vesicular traffic. Mediates VEGFR2 endosomal trafficking to enhance VEGFR2 signaling (PubMed: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.