

RAB7A rabbit monoclonal antibody

Catalog # H00007879-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RAB7A peptide using ARM Technology.
Immunogen	A synthetic peptide of human RAB7A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RAB7A peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — RAB7A

Entrez GeneID	7879
GeneBank Accession#	RAB7A
Gene Name	RAB7A
Gene Alias	FLJ20819, PRO2706, RAB7
Gene Description	RAB7A, member RAS oncogene family
Omim ID	600882 602298
Gene Ontology	Hyperlink
Gene Summary	RAB family members are small, RAS-related GTP-binding proteins that are important regulators of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic / endocytic pathways. This gene encodes a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This encoded protein is also involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori. Mutations at highly conserved amino acid residues in this gene have caused some forms of Charcot-Marie-Tooth (CMT) type 2 neuropathies. [provided by RefSeq]
Other Designations	RAB7, member RAS oncogene family Ras-associated protein RAB7

Disease

- [Hereditary Sensory and Autonomic Neuropathies](#)