

RAB39 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14040**Specification**

RAB39 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q8BHD0
Other Accession	NM_017516 , NP_059986
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Predicted Host	Mouse, Rat, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 25kDa KDa

RAB39 antibody - N-terminal region - Additional Information**Gene ID** 270160

Alias Symbol	RAB39
Other Names	
Ras-related protein Rab-39A, Rab-39, Rab39a, Rab39	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-RAB39 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

RAB39 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

RAB39 antibody - N-terminal region - Protein Information**Name** Rab39a**Synonyms** Rab39**Function**

Plays a role in the maturation and acidification of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis. Plays a role in vesicular trafficking. Plays a role in the fusion of phagosomes with lysosomes. Negatively regulates LPS-induced autophagosome formation in macrophages possibly by implicating PI3K (By similarity). May be involved in multiple neurite formation (PubMed:23624502).

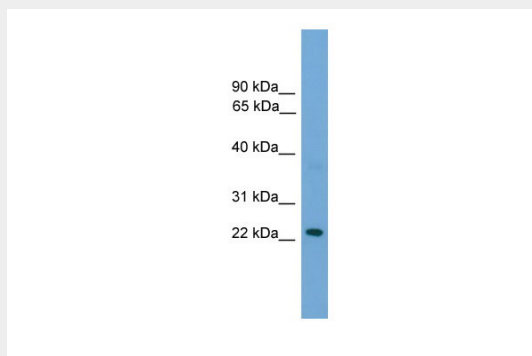
Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasmic vesicle, phagosome. Cytoplasmic vesicle, phagosome membrane; Lipid-anchor; Cytoplasmic side. Lysosome {ECO:0000250|UniProtKB:Q14964}. Note=Recruited to phagosomes containing S.aureus or Mycobacterium.

RAB39 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAB39 antibody - N-terminal region - Images

WB Suggested Anti-RAB39 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Hela cell lysate

RAB39 antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).