

**ARL8A Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13458c****Specification**

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**ARL8A Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q96BM9](#)**ARL8A Antibody (Center) Blocking peptide - Additional Information****Gene ID** 127829**Other Names**

ADP-ribosylation factor-like protein 8A, ADP-ribosylation factor-like protein 10B, Novel small G protein indispensable for equal chromosome segregation 2, ARL8A, ARL10B, GIE2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13458c was selected from the Center region of ARL8A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ARL8A Antibody (Center) Blocking peptide - Protein Information****Name** ARL8A**Synonyms** ARL10B, GIE2**Function**

Plays a role in lysosome motility (By similarity). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (By similarity). May play a role in chromosome segregation (By similarity).

**Cellular Location**

Late endosome membrane {ECO:0000250|UniProtKB:Q9NVJ2}. Lysosome membrane {ECO:0000250|UniProtKB:Q9CQW2}. Cytoplasm, cytoskeleton, spindle {ECO:0000250|UniProtKB:Q9NVJ2}. Cell projection, axon {ECO:0000250|UniProtKB:Q9CQW2}. Synapse {ECO:0000250|UniProtKB:Q9CQW2} Note=Localizes with microtubules at the spindle mid-zone during mitosis. {ECO:0000250|UniProtKB:Q9NVJ2}

**Tissue Location**

Ubiquitously expressed.

**ARL8A Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**ARL8A Antibody (Center) Blocking peptide - Images****ARL8A Antibody (Center) Blocking peptide - Background**

ARL8A may play a role in lysosomes motility. Alternatively, may play a role in chromosome segregation (By similarity).

**ARL8A Antibody (Center) Blocking peptide - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007) Hofmann, I., et al. J. Cell. Sci. 119 (PT 8), 1494-1503 (2006) :Okai, T., et al. J. Cell. Sci. 117 (PT 20), 4705-4715 (2004) :Secombe, J., et al. J. Biol. Chem. 279(17):17126-17133(2004)