

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

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}. Cell
junction, 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](#)