

**Product Name: ARF6 (19O13) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe07102**

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## Summary

<b>Production Name</b>	ARF6 (19O13) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	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.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ARF6
<b>Alternative Names</b>	ADP ribosylation factor 6; ARF6; Small GTP binding protein;
<b>Gene ID</b>	382.0
<b>SwissProt ID</b>	P62330.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	20kDa

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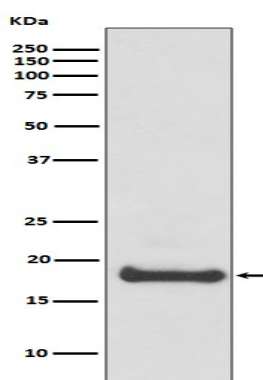


## Background

ADP-ribosylation factor (Arf) proteins are low molecular weight GTP binding proteins that belong to the Ras GTPase superfamily. May modulate vesicle budding and uncoating within the Golgi apparatus. Functions as an allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. Involved in the regulation of dendritic spine development (By similarity). GTP-binding protein involved in protein trafficking that regulates endocytic recycling and cytoskeleton remodeling (PubMed: [11266366](http://www.uniprot.org/citations/11266366), PubMed: [21170023](http://www.uniprot.org/citations/21170023), PubMed: [16737952](http://www.uniprot.org/citations/16737952), PubMed: [7589240](http://www.uniprot.org/citations/7589240), PubMed: [18400762](http://www.uniprot.org/citations/18400762)). Required for normal completion of mitotic cytokinesis (By similarity). Plays a role in the reorganization of the actin cytoskeleton and the formation of stress fibers (By similarity). Involved in the regulation of dendritic spine development, contributing to the regulation of dendritic branching and filopodia extension (PubMed: [14978216](http://www.uniprot.org/citations/14978216)). Plays an important role in membrane trafficking, during junctional remodeling and epithelial polarization. Regulates surface levels of adherens junction proteins such as CDH1 (By similarity). Required for NTRK1 sorting to the recycling pathway from early endosomes (By similarity).

## Research Area

## Image Data



Western blot analysis of ARF6 expression in 293T cell lysate.

## Note

For research use only.