

**ARF4 (aa137-150) Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3806a****Specification**

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**ARF4 (aa137-150) Antibody (internal region) - Product Information**

|                   |                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------|
| Application       | WB, E                                                                                                           |
| Primary Accession | <a href="#">P18085</a>                                                                                          |
| Other Accession   | <a href="#">NP_001651.1</a> , <a href="#">378</a> , <a href="#">11843 (mouse)</a> , <a href="#">79120 (rat)</a> |
| Reactivity        | Human, Mouse                                                                                                    |
| Predicted         | Rat, Pig                                                                                                        |
| Host              | Goat                                                                                                            |
| Clonality         | Polyclonal                                                                                                      |
| Concentration     | 0.5 mg/ml                                                                                                       |
| Isotype           | IgG                                                                                                             |
| Calculated MW     | 20511                                                                                                           |

**ARF4 (aa137-150) Antibody (internal region) - Additional Information****Gene ID** 378**Other Names**

ADP-ribosylation factor 4, ARF4, ARF2

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ARF4 (aa137-150) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**ARF4 (aa137-150) Antibody (internal region) - Protein Information****Name** ARF4**Synonyms** ARF2**Function**

GTP-binding protein that functions as an allosteric activator of the cholera toxin catalytic subunit,

an ADP-ribosyltransferase. Involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus. Part of the ciliary targeting complex containing Rab11, ASAP1, Rabin8/RAB3IP, RAB11FIP3 and ARF4, which direct preciliary vesicle trafficking to mother centriole and ciliogenesis initiation (PubMed:<a href="http://www.uniprot.org/citations/25673879" target="\_blank">25673879</a>).

#### Cellular Location

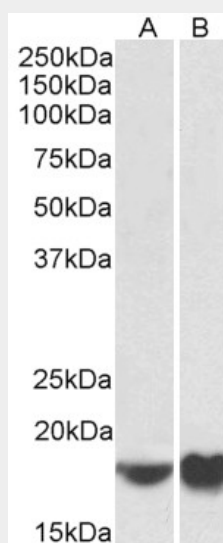
Golgi apparatus. Membrane; Lipid-anchor

#### ARF4 (aa137-150) Antibody (internal 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](#)

#### ARF4 (aa137-150) Antibody (internal region) - Images



AF3806a (0.5 µg/ml) staining of NIH3T3 (A) and HeLa (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### ARF4 (aa137-150) Antibody (internal region) - References

Regulation of ADP-ribosylation factor 4 expression by small leucine zipper protein and involvement in breast cancer cell migration. Jang SY, Jang SW, Ko J. Cancer Lett. 2012 Jan 28;314(2):185-97. PMID: 22004728