

**ARRDC4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9068c****Specification**

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**ARRDC4 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q8NCT1](#)**ARRDC4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 91947**Other Names**

Arrestin domain-containing protein 4, ARRDC4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9068c](/products/AP9068c) was selected from the Center region of human ARRDC4. 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.

**ARRDC4 Antibody (Center) Blocking Peptide - Protein Information****Name** ARRDC4**Function**

Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (By similarity). Plays a role in endocytosis of activated G protein-coupled receptors (GPCRs) (Probable). Through an ubiquitination-dependent mechanism also plays a role in the incorporation of SLC11A2 into extracellular vesicles (By similarity). May play a role in glucose uptake (PubMed: [19605364](http://www.uniprot.org/citations/19605364)). Participates in innate immune response by promoting IFIH1/MDA5 activation through interaction with TRIM65 (PubMed: [28594402](http://www.uniprot.org/citations/28594402)).

**Cellular Location**

Early endosome. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle. Note=Also found in extracellular vesicles different from exosomes.  
{ECO:0000250|UniProtKB:A0A0B4J1F4}

**ARRDC4 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ARRDC4 Antibody (Center) Blocking Peptide - Images****ARRDC4 Antibody (Center) Blocking Peptide - References**

Patwari,P., et.al., J. Biol. Chem. 284 (37), 24996-25003 (2009)Knoll,B., et.al., Genet. Test. 12 (1), 147-152 (2008)