

**ARRD4 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10809c****Specification**

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**ARRD4 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q8NCT1](#)**ARRD4 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 91947**Other Names**

Arrestin domain-containing protein 4, ARRDC4

**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.

**ARRD4 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:<a href="http://www.uniprot.org/citations/19605364" target="\_blank">19605364</a>). Participates in innate immune response by promoting IFIH1/MDA5 activation through interaction with TRIM65 (PubMed:<a href="http://www.uniprot.org/citations/28594402" target="\_blank">28594402</a>).

**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}

**ARRD4 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**ARRD4 Antibody (Center) Blocking peptide - Images****ARRD4 Antibody (Center) Blocking peptide - References**

Calboli, F.C., et al. PLoS ONE 5 (7), E11504 (2010) :Patwari, P., et al. J. Biol. Chem. 284(37):24996-25003(2009)Knoll, B., et al. Genet. Test. 12(1):147-152(2008)Choy, K.W., et al. Physiol. Genomics 25(1):9-15(2006)