

ARRDC3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50658**Specification**

ARRDC3 Antibody - Product Information

Application	WB
Primary Accession	Q96B67
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46 KDa
Antigen Region	389-414

ARRDC3 Antibody - Additional Information**Gene ID** 57561**Other Names**

Arrestin domain-containing protein 3, TBP-2-like inducible membrane protein, TLIMP, ARRDC3, KIAA1376

Dilution

WB~~1:1000

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

ARRDC3 Antibody - Protein Information**Name** ARRDC3**Synonyms** KIAA1376**Function**

Adapter protein that plays a role in regulating cell-surface expression of adrenergic receptors and probably also other G protein- coupled receptors (PubMed:20559325, PubMed:21982743, PubMed:23208550). Plays a role in NEDD4-mediated ubiquitination and endocytosis of activated ADRB2 and subsequent ADRB2 degradation (PubMed:20559325, PubMed:23208550). May recruit NEDD4 to ADRB2 (PubMed:23208550).

<http://www.uniprot.org/citations/20559325>). Alternatively, may function as adapter protein that does not play a major role in recruiting NEDD4 to ADRB2, but rather plays a role in targeting ADRB2 to endosomes (PubMed:[23208550](http://www.uniprot.org/citations/23208550)).

Cellular Location

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side Lysosome Endosome Early endosome. Note=Associated with plasma membrane, as well as with endosomes and lysosomes during endocytosis (PubMed:16269462, PubMed:23208550, PubMed:20559325)

Tissue Location

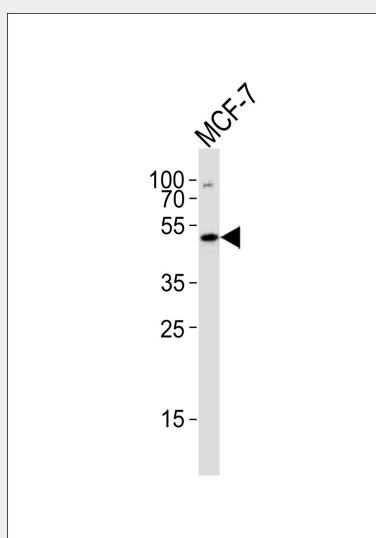
Highly expressed in skeletal muscle, placenta, kidney, lung, liver, blood, adrenal gland, lymph node, mammary gland, thyroid, and trachea (PubMed:16269462, PubMed:21982743). Very low levels in colon, thymus, spleen, small intestine, bladder and bone marrow (PubMed:16269462). Strong expression in differentiated adipocytes compared to preadipocytes (PubMed:16269462). Detected in omental fat and subcutaneous fat tissue (PubMed:21982743)

ARRDC3 Antibody - 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](#)

ARRDC3 Antibody - Images



Western blot analysis of lysate from MCF-7 cell line, using ARRDC3 Antibody (AP50658). AP50658 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ARRDC3 Antibody - References

Nagase T.,et al.DNA Res. 7:65-73(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Oka S.,et al.Endocrinology 147:733-743(2006).