

ARRDC3 Antibody (aa365-414)
Rabbit Polyclonal Antibody
Catalog # ALS14884**Specification**

ARRDC3 Antibody (aa365-414) - Product Information

Application	WB, IHC
Primary Accession	Q96B67
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

ARRDC3 Antibody (aa365-414) - Additional Information**Gene ID** 57561**Other Names**

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

Target/Specificity

ARRDC3 Antibody detects endogenous levels of total ARRDC3 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

ARRDC3 Antibody (aa365-414) is for research use only and not for use in diagnostic or therapeutic procedures.

ARRDC3 Antibody (aa365-414) - 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: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 a targeting ADRB2 to endosomes (PubMed: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

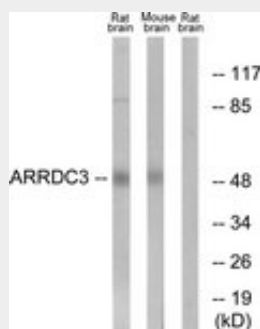
Highly expressed in skeletal muscle, placenta, kidney, lung, liver, blood, adrenal gland, lymph node, mammary gland, thyroid, and trachea (PubMed:16269462, PubMed:21982743). Very low levels in colon, thymus, spleen, small intestine, bladder and bone marrow (PubMed:16269462). Strong expression in differentiated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

ARRDC3 Antibody (aa365-414) - Protocols

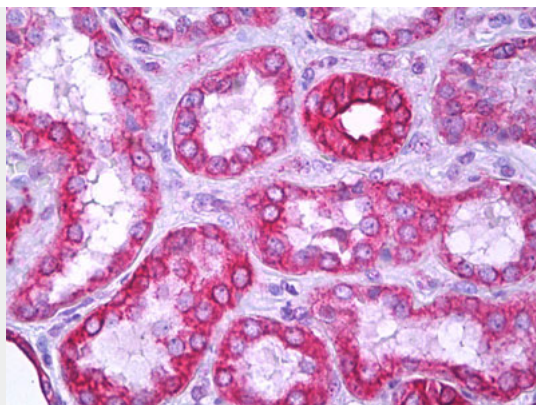
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARRDC3 Antibody (aa365-414) - Images



Western blot of extracts from rat brain/mouse brain cells, using ARRDC3 Antibody.



Anti-ARRDC3 antibody IHC of human kidney.

ARRDC3 Antibody (aa365-414) - 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).