

Rabbit ARRDC3 Polyclonal Antibody | anti-ARRDC3 antibody

ARRDC3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324206	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ARRDC3; Polyclonal Antibody; ARRDC3 Antibody; ARRDC 3; Arrestin domain containing 3; Arrestin domain containing protein 3; KIAA1376; TBP-2-like inducible membrane protein; Thioredoxin binding protein 2 like inducible membrane; TLIMP; anti-ARRDC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARRDC3 antibody detects endogenous levels of total ARRDC3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-ARRDC3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Note: Associated with plasma membrane, as well as with endosomes and lysosomes during endocytosis.
Tissue Specificity	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).
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Bovine (91%), Horse (100%), Sheep (82%), Rabbit (100%), Dog (100%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 and mouse brain, using ARRDC3 Antibody.



IF (Immunofluorescence)
AAA324206 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells using ARRDC3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ARRDC3 antibody	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 af 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). Subunit Structure: Interacts (via PPxY motifs) with NEDD4 (via WW domains) (PubMed:20559325, PubMed:23208550, PubMed:24379409). Interacts with ADRB2 (PubMed:20559325, PubMed:21982743, PubMed:25220262). Interacts with ADRB3 (PubMed:21982743). Interacts with HGS (via PPxY motifs) (PubMed:23208550). Does not bind TXN (thioredoxin) (PubMed:16269462). Interacts with ITCH (PubMed:23886940). Interacts with WWP1 (via WW domains) (PubMed:21191027). Similarity: Belongs to the arrestin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32698736
NCBI GeneID	57561
NCBI Accession #	NP_065852.1
NCBI GenBank Nucleotide #	NM_020801.3
UniProt Accession #	Q96B67; Q9P2H1; A8K6T8
Molecular Weight	Observed: 46 kD Predicted: 47 kDa
NCBI Official Full Name	arrestin domain-containing protein 3 isoform a
NCBI Official Synonym Full Names	arrestin domain containing 3
NCBI Official Symbol	ARRDC3
NCBI Official Synonym Symbols	TLIMP
NCBI Protein Information	arrestin domain-containing protein 3
UniProt Protein Name	Arrestin domain-containing protein 3
UniProt Gene Name	ARRDC3
UniProt Synonym Gene Names	KIAA1376; TLIMP1 PublicationManual assertion based on opinion iniRef.4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arrdc3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324206>