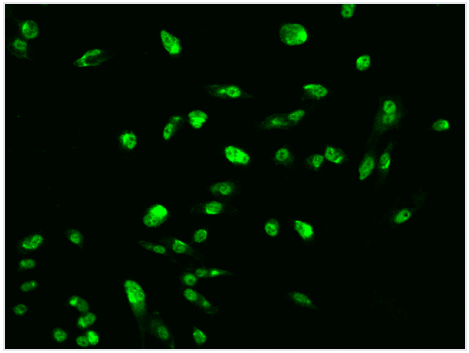
ARRDC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARRDC2, Polyclonal Antibody
Full Product Name	Anti-ARRDC2 Antibody, Rabbit Polyclonal
Product Gene Name	anti-ARRDC2 antibody
Product Synonym Names	ARRDC2 Antibody, Rabbit PAb, Antigen Affinity Purified; Anti-CLONE24945 Antibody; Anti-PP2703 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human ARRDC2
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human ARRDC2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ARRDC2 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-ARRDC2 antibody	Immunocytochemistry (ICC), Immunofluorescence (IF)
Application Notes for anti-ARRDC2 antibody	ICC/IF: 1:100-1:500
Related Product Information for anti-ARRDC2 antibody	ARRDC2 (Arrestin Domain Containing 2) is located on human chromosome 19p13.11. The ARRDC2 protein is ubiquitously expressed in bone marrow, fat and other tissues. Structurally, the encoded protein is reported to be 44379 Da in mass. The ARRDC2 (also known as PP2703; CLONE24945) gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, chicken, zebrafish, fruit fly, mosquito, frog, etc. 223 organisms have orthologs with human gene ARRDC2. ARRDC2 is associated with some diseases, such as Ullrich Congenital Muscular Dystrophy 1. An important paralog of this gene is ARRDC3.
Product References and Citations for anti-ARRDC2 antibody	Gordon BS, et al. (2019) Arrdc2 and arrdc3 elicit divergent changes in gene expression in skeletal muscle following anabolic and catabolic stimuli. Physiol Genomics 51 (6): 208-217.
Other Notes	Small volumes of anti-ARRDC2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ARRDC2 purchase	MBS8110107 is an antibody targeting ARRDC2. Also known as Anti-ARRDC2 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-ARRDC2 antibody
Immunofluorescence staining of ARRDC2 in PC3 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human ARRDC2 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARRDC2. It may not necessarily be applicable to this product.

Protein Family	Arrestin domain-containing protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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