

Rabbit ADIPOR1 Polyclonal Antibody | anti-ADIPOR1 antibody

ADIPOR1 antibody

CATALOG # AAA304413	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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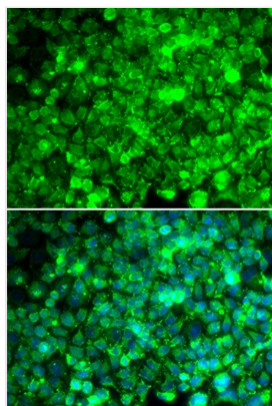
PRODUCT SYNONYMS

ADIPOR1; Polyclonal Antibody; ADIPOR1 antibody; Adiponectin receptor protein 1; Progestin and adipoQ receptor family member I; CGI-45; PAQR1; anti-ADIPOR1 antibody

PRODUCT SPECIFICATIONS

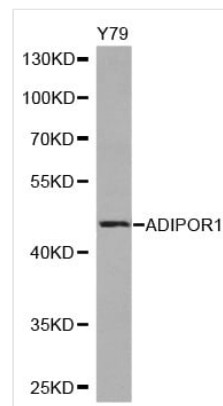
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ADIPOR1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-ADIPOR1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ADIPOR1.
Target Name	ADIPOR1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using ADIPOR1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Y79 cell line, using ADIPOR1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADIPOR1 antibody	Adiponectin is a circulating hormone secreted by adipocytes that improves the metabolism of glucose and lipids, and is expressed at low levels in those with obesity and diabetes. Adiponectin receptors AdipoR1 and AdipoR2, also designated progestin and adipoQ receptor family members I and II, respectively, regulate fatty acid oxidation and the uptake of glucose by adiponectin. Each receptor activates a unique set of signaling molecules including AMPK, p38 MAPK and PPAR . AdipoR1 has a high-affinity for globular adiponectin and low-affinity for full-length adiponectin, while AdipoR2 has an intermediate affinity for both forms. AdipoR1 and AdipoR2 are mainly expressed in liver and muscle. Adiponectin, AdipoR1 and AdipoR2 are all associated with body composition, Insulin sensitivity, and metabolic parameters. Physical training increases circulating adiponectin and mRNA expression of AdipoR1 and AdipoR2 in muscle, which may mediate the improvement of Insulin resistance and the metabolic syndrome in response to exercise.
Product Categories/Family for anti-ADIPOR1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	594952025
NCBI GeneID	51094
NCBI Accession #	NP_001277482.1
NCBI GenBank Nucleotide #	NM_001290553.1
UniProt Accession #	Q96A54; Q53HS7; Q53YY6; Q9Y360; B3KMB0
Molecular Weight	42,616 Da
NCBI Official Full Name	adiponectin receptor protein 1
NCBI Official Synonym Full Names	adiponectin receptor 1
NCBI Official Symbol	ADIPOR1
NCBI Official Synonym Symbols	CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A
NCBI Protein Information	adiponectin receptor protein 1
UniProt Protein Name	Adiponectin receptor protein 1
UniProt Gene Name	ADIPOR1
UniProt Entry Name	ADR1_HUMAN

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/adipor1-antibody-immunofluorescence-western-blot-elisa/304413>