

Rabbit ADIPOR1 Polyclonal Antibody | anti-ADIPOR1 antibody

ADIPOR1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36833	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

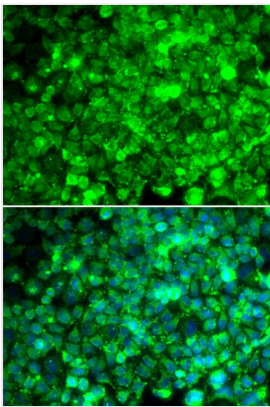
PRODUCT SYNONYMS

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

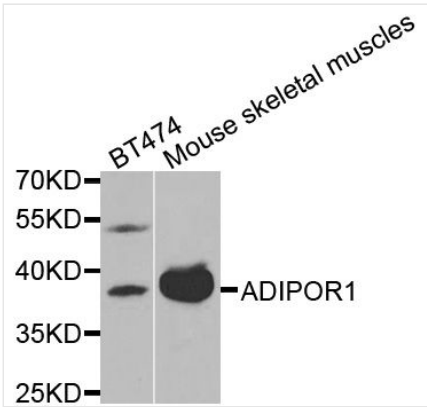
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-ADIPOR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human ADIPOR1
Calculated Molecular Weight	43kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using ADIPOR1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using ADIPOR1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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
Product Categories/Family for anti-ADIPOR1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372248
NCBI GeneID	51094
UniProt Accession #	Q96A54; Q53HS7; Q53YY6; Q9Y360; B3KMB0
Molecular Weight	375
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; ACD CR1; CGI-45; TESBP1A
NCBI Protein Information	adiponectin receptor protein 1; progestin and adipoQ receptor family member I
UniProt Protein Name	Adiponectin receptor protein 1
UniProt Gene Name	ADIPOR1
UniProt Synonym Gene Names	PAQR1; TESBP1A
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.