10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ADIPOR1/Adiponectin Receptor 1 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18581

Product Information

Application	WB, IHC-P, IF
Primary Accession	Q96A54
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	42616

Additional Information

Gene ID	51094
Alias Symbol	ADIPOR1
Other Names	ADIPOR1, Adiponectin receptor 1, Adiponectin Receptor, Adiponectin receptor protein 1, CGI-45, CGI45, ACDCR1, TESBP1A, PAQR1
Target/Specificity	Human ADIPOR1/Adiponectin Receptor 1
Reconstitution & Storage	Affinity purified
Precautions	Anti-ADIPOR1/Adiponectin Receptor 1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ADIPOR1 (HGNC:24040)
Function	Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:12802337, PubMed:25855295). Required for normal glucose and fat homeostasis and for maintaining a normal body weight. ADIPOQ-binding activates a signaling cascade that leads to increased AMPK activity, and ultimately to increased fatty acid oxidation, increased glucose uptake and decreased gluconeogenesis. Has high affinity for globular adiponectin and low affinity for full-length adiponectin (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein Note=Localized to the cell membrane and intracellular organelles
Tissue Location	Widely expressed (PubMed:16044242). Highly expressed in heart and skeletal muscle (PubMed:12802337). Expressed at intermediate level in brain, spleen,

kidney, liver, placenta, lung and peripheral blood leukocytes (PubMed:12802337). Weakly expressed in colon, thymus and small intestine (PubMed:12802337)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.