

# Anti-ADIPOR1/Adiponectin Receptor 1 Antibody

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS18581

## Product Information

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<b>Application</b>	WB, IHC-P, IF
<b>Primary Accession</b>	<a href="#">Q96A54</a>
<b>Predicted</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Calculated MW</b>	42616

## Additional Information

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

## Protein Information

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<b>Name</b>	ADIPOR1 ( <a href="#">HGNC:24040</a> )
<b>Function</b>	Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed: <a href="#">12802337</a> , PubMed: <a href="#">25855295</a> ). 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).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein Note=Localized to the cell membrane and intracellular organelles
<b>Tissue Location</b>	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'.