

**ADIPOR1 antibody - N-terminal region**  
Rabbit Polyclonal Antibody  
Catalog # AI14945**Specification**

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**ADIPOR1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O96A54</a>
Other Accession	<a href="#">NM_015999</a> , <a href="#">NP_057083</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

**ADIPOR1 antibody - N-terminal region - Additional Information****Gene ID** 51094**Alias Symbol** [ACDCR1](#), [CGI-45](#), [CGI45](#), [FLJ25385](#), [FLJ42464](#), [PAQR1](#), [TESBP1A](#)**Other Names**

Adiponectin receptor protein 1, Progesterin and adipoQ receptor family member I, ADIPOR1, PAQR1, TESBP1A

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ADIPOR1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ADIPOR1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**ADIPOR1 antibody - N-terminal region - Protein Information****Name** ADIPOR1 ([HGNC:24040](#))**Function**Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed: <http://www.uniprot.org/citations/12802337> target="\_blank">12802337</a>, PubMed: <http://www.uniprot.org/citations/25855295> target="\_blank">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).

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein Note=Localized to the cell membrane and intracellular organelles

#### **Tissue Location**

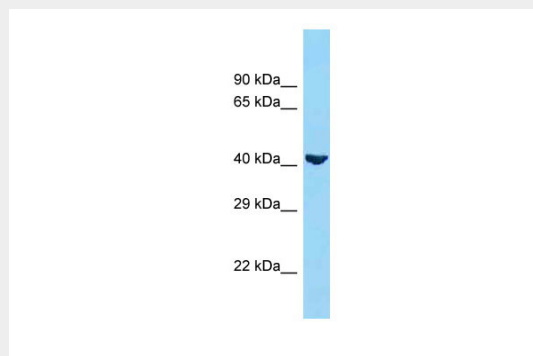
Widely expressed (PubMed:16044242). Highly expressed in heart and skeletal muscle (PubMed:12802337). Expressed at intermediate level in brain, spleen, kidney, liver, placenta, lung and peripheral blood leukocytes (PubMed:12802337). Weakly expressed in colon, thymus and small intestine (PubMed:12802337)

### **ADIPOR1 antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **ADIPOR1 antibody - N-terminal region - Images**



Host: Rabbit

Target Name: ADIPOR1

Sample Tissue:293T cell lysate

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Antibody Dilution: 1.0µg/mlADIPOR1 is supported by BioGPS gene expression data to be expressed in HEK293T

### **ADIPOR1 antibody - N-terminal region - References**

Tang Y.T.,et al.J. Mol. Evol. 61:372-380(2005).

Sugihara T.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

Lai C.-H.,et al.Genome Res. 10:703-713(2000).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

