

**Adiponectin Receptor 1 Rabbit mAb**  
Catalog # AP77306

**Specification**

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**Adiponectin Receptor 1 Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q96A54</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	42616

**Adiponectin Receptor 1 Rabbit mAb - Additional Information**

Gene ID 51094

**Other Names**  
ADIPOR1

**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100

**Format**  
Liquid

**Adiponectin Receptor 1 Rabbit mAb - Protein Information**

**Name** ADIPOR1 ([HGNC:24040](#))

**Function**

Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:[12802337](http://www.uniprot.org/citations/12802337), PubMed:[25855295](http://www.uniprot.org/citations/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)

### Adiponectin Receptor 1 Rabbit mAb - 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](#)

### Adiponectin Receptor 1 Rabbit mAb - Images

