

Adiponectin Receptor 1 Rabbit mAb

Catalog # AP77306

Product Information

Application WB, IHC-P, IF, FC, ICC

Primary Accession <u>Q96A54</u>

Reactivity Rat, Human, Mouse

Host Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human ADIPOR1

Purification Affinity Chromatography

Calculated MW 42616

Additional Information

Gene ID 51094

Other Names ADIPOR1

Dilution WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

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).

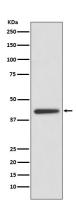
Cellular Location Cell membrane; Multi-pass membrane protein Note=Localized to the cell

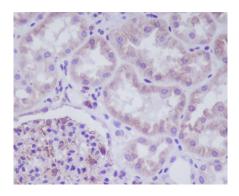
membrane and intracellular organelles

Tissue Location Widely expressed (PubMed:16044242). Highly expressed in heart and skeletal

muscle (PubMed:12802337). Expressed at intermediate level in brain, spleen,

Images





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