

Anti-ADIPOR1 Rabbit Monoclonal Antibody

Catalog # ABO13898

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q96A54
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ADIPOR1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	51094
Other Names	Adiponectin receptor protein 1, Progestin and adipoQ receptor family member 1, Progestin and adipoQ receptor family member I, ADIPOR1 (HGNC:24040)
Calculated MW	42616
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Subcellular Localization	Cell membrane ; Multi-pass membrane protein. Localized to the cell membrane and intracellular organelles..
Tissue Specificity	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)..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: FIH-1
Immunogen	A synthesized peptide derived from human ADIPOR1
Purification	Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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).

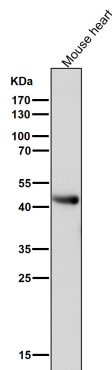
Cellular Location

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

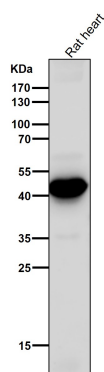
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Images

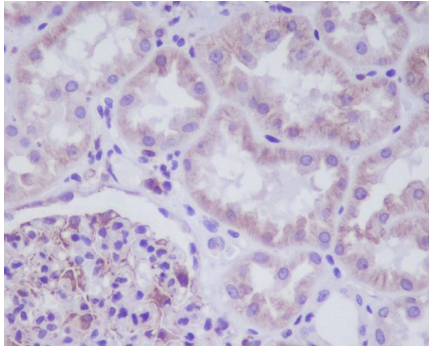
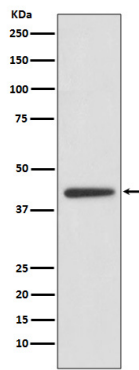


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Western blot analysis of ADIPOR1 expression in Human heart lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using ADIPOR1 Antibody.

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