

ADIPOR2 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14577**Specification**

ADIPOR2 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q86V24
Other Accession	NM_024551 , NP_078827
Reactivity	Human, Mouse, Rat, Rabbit, Goat, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa kDa

ADIPOR2 antibody - C-terminal region - Additional Information**Gene ID** 79602**Alias Symbol** **ACDCR2, FLJ21432, MGC4640, PAQR2****Other Names**

Adiponectin receptor protein 2, Progestin and adipoQ receptor family member II, ADIPOR2, PAQR2

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-ADIPOR2 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

ADIPOR2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ADIPOR2 antibody - C-terminal region - Protein Information**Name** ADIPOR2 ([HGNC:24041](#))**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 body fat and glucose homeostasis. ADIPOQ-binding activates a signaling cascade that leads to increased PPARA activity, and ultimately to increased fatty acid oxidation and glucose uptake. Has intermediate affinity for globular and full-length adiponectin. Required for normal revascularization after chronic ischemia

caused by severing of blood vessels (By similarity).

Cellular Location

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

Tissue Location

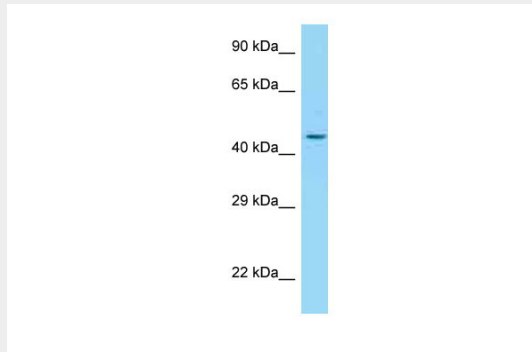
Ubiquitous (PubMed:16044242). Highly expressed in skeletal muscle, liver and placenta (PubMed:12802337). Weakly expressed in brain, heart, colon, spleen, kidney, thymus, small intestine, peripheral blood leukocytes and lung (PubMed:12802337)

ADIPOR2 antibody - C-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](#)

ADIPOR2 antibody - C-terminal region - Images



WB Suggested Anti-ADIPOR2 Antibody Titration: 1.0 µg/ml

Positive Control: OVCAR-3 Whole Cell

ADIPOR2 antibody - C-terminal region - References

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

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

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Yamauchi T., et al. Nature 423:762-769(2003).