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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, PubMed: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

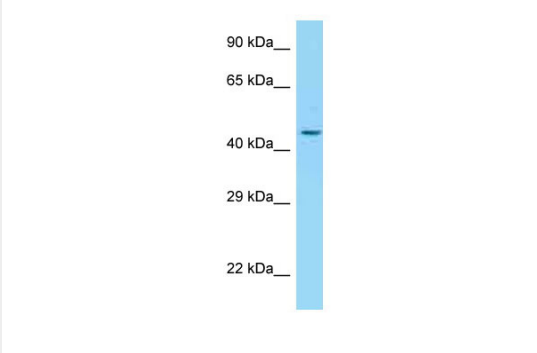
Tissue Location
Ubiquitous (PubMed:16044242). Highly expressed in skeletal muscle, liver and placenta (PubMed:12802337). Weakly expressed in brain, heart, colon, spleen, kidney, thymus, small intestine, peripheral blood leukocytes and lung (PubMed:12802337)

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 Cytomety
- 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).