

# ADIPOR1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14945

## Product Information

|                   |  |
|-------------------|--|
| Application       | WB   |
| Primary Accession | <a href="#">Q96A54</a>   |
| Other Accession   | <a href="#">NM_015999</a> , <a href="#">NP_057083</a>                |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Goat, Dog, Guinea Pig, Horse, Bovine |
| Predicted         | Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine                   |
| Host              | Rabbit   |
| Clonality         | Polyclonal   |
| Calculated MW     | 42616  |

## Additional Information

|                             |  |
|-----------------------------|--|
| Gene ID                     | 51094  |
| Alias Symbol<br>Other Names | ACDCR1, CGI-45, CGI45, FLJ25385, FLJ42464, PAQR1, TESBP1A<br>Adiponectin receptor protein 1, Progestin and adipoQ receptor family member I, ADIPOR1, PAQR1, TESBP1A                              |
| 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-ADIPOR1 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                 | ADIPOR1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.   |

## Protein Information

|                   |   |
|-------------------|---|
| Name              | ADIPOR1 ( <a href="#">HGNC:24040</a> )  |
| Function          | Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed: <a href="#">12802337</a> , PubMed: <a href="#">25855295</a> ). 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)

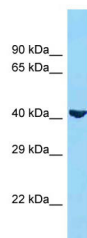
## References

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Tang Y.T.,et al.J. Mol. Evol. 61:372-380(2005).  
Sugihara T.,et al.Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.  
Lai C.-H.,et al.Genome Res. 10:703-713(2000).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

## Images

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Host: Rabbit  
Target Name: ADIPOR1  
Sample Tissue:293T cell lysate  
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Antibody Dilution: 1.0µg/mlADIPOR1 is supported by  
BioGPS gene expression data to be expressed in HEK293T

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