



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Adiponectin Receptor 2. Rabbit Polyclonal Antibody

### BACKGROUND

ADR2 functions as a receptor for globular and full-length adiponectin (APM1), which is an essential hormone secreted by adipocytes that acts as an antidiabetic. ADR2 is also probably involved in metabolic pathways that regulate lipid metabolism such as fatty acid oxidation. ADR2 mediates an increase in AMPK, PPARA ligand activity, fatty acid oxidation and glucose uptake by adiponectin and has some intermediate-affinity receptor activity for both globular and full-length adiponectin. ADR2 may form homo and heteromultimers.

### IMMUNOGEN

Synthetic peptide near the C terminus of human adiponectin receptor 2 protein.

### POSITIVE CONTROL/TISSUE EXPRESSION

Colon, Hippocampus, and Trachea

### COMMENTS

Antibody can be used for Western blotting (5-10 $\mu$ g/ml) and ELISA. Other applications not yet tested. Cross reacts with Human ADR1. Optimal concentration should be evaluated by serial dilutions.

### ORDERING INFORMATION

**CATALOG NUMBER**

X1699P

**SIZE**

100  $\mu$ g

**FORM**

Unconjugated

**HOST/CLONE**

Rabbit

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE****APPLICATIONS**

Western Blot, ELISA

**SPECIES REACTIVITY**

Human

**ACCESSION NUMBER**

Q86V24, Human

**PURIFICATION**

Ammonium Sulfate Precipitation

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G., Klausner R.D., Collins F.S., Wagner L., Shenmen C. M., Schuler G.D., Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K., Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Marra M.A.; Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.; Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).

2. Yamauchi T., Kamon J., Ito Y., Tsuchida A., Yokomizo T., Kita S., Sugiyama T., Miyagishi M., Hara K., Tsunoda M., Murakami K., Ohteki T., Uchida S., Takekawa S., Waki H., Tsuno N.H., Shibata Y., Terauchi Y., Froguel P., Kadowaki T.; Cloning of adiponectin receptors that mediate antidiabetic metabolic effects.; Nature 423:762-769(2003).