



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



**G-Protein Coupled Receptor 94. Rabbit Polyclonal Antibody**

**BACKGROUND**

Receptor for ADP. Coupled to G(i)-proteins. May play a role in hematopoiesis and the immune system. Strong expression in spleen and adult brain. Lower expression in placenta, lung, liver, spinal cord, thymus, small intestine, uterus, stomach, testis, fetal brain, and adrenal gland. Not detected in pancreas, heart, kidney, skeletal muscle, ovary or fetal aorta. Clearly detected in lymph node and bone marrow, weakly detected in peripheral blood mononuclear cells (PBMC) and in peripheral blood leukocytes (PBL), but not detected in polymorphonuclear cells (PMN). In the brain, detected in all brain regions examined. Stimulation by ADP in stably transfected CHO cells resulted in inhibition of adenylyl cyclase and the phosphorylation of the MAP kinases MAPK3 and MAPK1 in a pertussis toxin-sensitive way. Inhibition of adenylyl cyclase and phosphorylation of the MAP kinases are transduction mechanisms that involve G(i) proteins.

**IMMUNOGEN**

Synthetic peptide derived from human GPCR94.

**POSITIVE CONTROL/TISSUE EXPRESSION**

**COMMENTS**

Antibody can be used for Western blotting (1-5µg/ml). Optimal concentration should be evaluated by serial dilutions.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X2374P

**SIZE**

100 µg

**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

**SPECIES REACTIVITY**

Human

**ACCESSION NUMBER**

Q9BPV8, 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**

Communi, D, et al. Identification of a novel human ADP receptor coupled to Gi.;  
J. Biol. Chem. 276:41479-41485(2001).