



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## AVPR1A 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000552-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

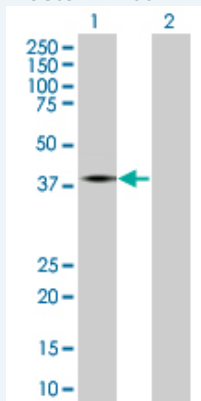
**Plasmid:** pCMV-AVPR1A full-length

**Host:** Human

**Theoretical MW (kDa):** 46.09

**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-AVPR1A antibody ([H00000552-B01](#)) by Western Blots.

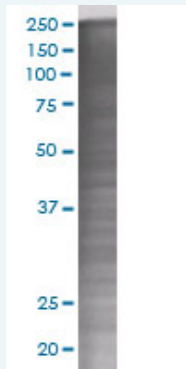
#### Western Blot



Lane 1: AVPR1A transfected lysate ( 46.8 KDa)

Lane 2: Non-transfected lysate.

#### SDS-PAGE Gel



AVPR1A transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [552](#)

GeneBank Accession#: [NM\\_000706](#)

Protein Accession#: [NP\\_000697](#)

Gene Name: AVPR1A

Gene Alias: AVPR1

Gene Description: arginine vasopressin receptor 1A

Omim ID: [600821](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis. [provided by RefSeq]

**Other Designations:** SCCL vasopressin subtype 1a receptor, V1-vascular vasopressin receptor AVPR1A, V1a vasopressin receptor, antidiuretic hormone receptor 1A, vascular/hepatic-type arginine vasopressin receptor

### Gene Pathway

[Calcium signaling pathway](#) [Neuroactive ligand-receptor interaction](#)  
[Vascular smooth muscle contraction](#)

### Related Disease

[Anorexia Nervosa](#) [Antisocial Personality Disorder](#) [Aptitude](#) [Asperger Syndrome](#)  
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