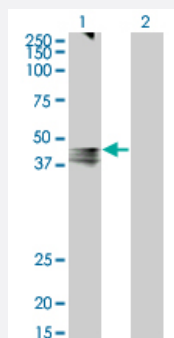


AVPR1A monoclonal antibody (M07), clone 7B8

Catalog # H00000552-M07

Size 100 ug

Applications

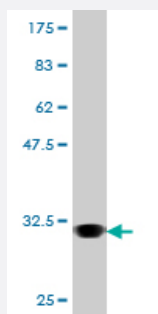


Western Blot (Transfected lysate)

Western Blot analysis of AVPR1A expression in transfected 293T cell line by AVPR1A monoclonal antibody (M07), clone 7B8.

Lane 1: AVPR1A transfected lysate(46.8 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (31.46 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AVPR1A.
Immunogen	AVPR1A (NP_000697, 1 a.a. ~ 52 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRLSAGPDAGPSGNSSPWWPLATGAGNTSREAEALGEGNGPPRDVRNEELAK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (31.46 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of AVPR1A expression in transfected 293T cell line by AVPR1A monoclonal antibody (M07), clone 7B8.

Lane 1: AVPR1A transfected lysate(46.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AVPR1A

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

Pathway

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

Disease

- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Aptitude](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Child Development Disorders](#)
- [Creativeness](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Habituation](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Panic Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Reward](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Startle Reaction](#)