

**AVPR1A Antibody (C-term)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2206b**

**Specification**

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**AVPR1A Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P37288</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgM

**AVPR1A Antibody (C-term) - Additional Information**

**Gene ID** 552

**Other Names**

Vasopressin V1a receptor, V1aR, AVPR V1a, Antidiuretic hormone receptor 1a, Vascular/hepatic-type arginine vasopressin receptor, AVPR1A, AVPR1

**Target/Specificity**

This AVPR1A Monoclonal antibody is generated from mice immunized with a KLH conjugated synthetic peptide selected from the 353-383 region of human AVPR1A.

**Dilution**

WB~~1:2000

**Format**

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AVPR1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**AVPR1A Antibody (C-term) - Protein Information**

**Name** AVPR1A

**Synonyms** AVPR1

**Function** Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl- inositol-calcium second messenger system. Has been involved in

social behaviors, including affiliation and attachment.

### Cellular Location

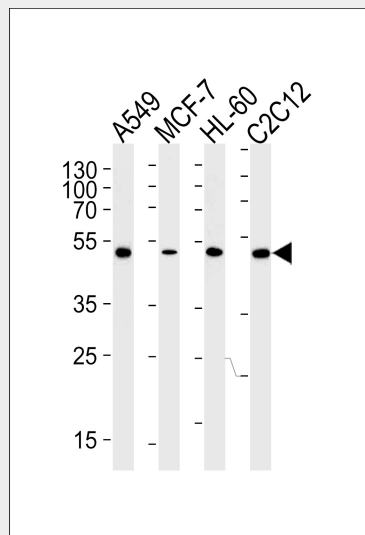
Cell membrane; Multi-pass membrane protein.

### AVPR1A Antibody (C-term) - Protocols

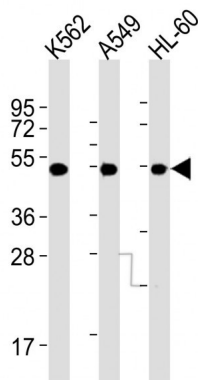
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

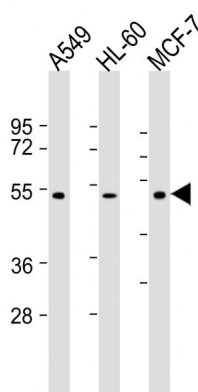
### AVPR1A Antibody (C-term) - Images



All lanes : Anti-AVPR1A Antibody (C-term) at 1:2000 dilution Lane 1: K562 whole cell lysates Lane 2: A549 whole cell lysates Lane 3: HL-60 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgM, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFD/MTBST.



All lanes : Anti-AVPR1A Antibody (C-term) at 1:2000 dilution Lane 1: K562 whole cell lysates Lane 2: A549 whole cell lysates Lane 3: HL-60 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgM, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-AVPR1A Antibody (C-term) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgM, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

### AVPR1A Antibody (C-term) - Background

Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system. Has been involved in social behaviors, including affiliation and attachment.

### AVPR1A Antibody (C-term) - References

- Thibonnier M., et al. J. Biol. Chem. 269:3304-3310(1994).
- Hirasawa A., et al. Biochem. Biophys. Res. Commun. 203:72-79(1994).
- North W.G., et al. Peptides 18:985-993(1997).
- North W.G., et al. Cancer Res. 58:1866-1871(1998).

Kopatz S.A., et al. Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.