

# AVPR1A Antibody (C-term)

Mouse Monoclonal Antibody (Mab)

Catalog # AM2206b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P37288</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgM
<b>Clone Names</b>	721CT25.2.1
<b>Calculated MW</b>	46800

## Additional Information

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<b>Gene ID</b>	552
<b>Other Names</b>	Vasopressin V1a receptor, V1aR, AVPR V1a, Antidiuretic hormone receptor 1a, Vascular/hepatic-type arginine vasopressin receptor, AVPR1A, AVPR1
<b>Target/Specificity</b>	This AVPR1A Monoclonal antibody is generated from mice immunized with a KLH conjugated synthetic peptide selected from the 353-383 region of human AVPR1A.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	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.
<b>Precautions</b>	AVPR1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	AVPR1A
<b>Synonyms</b>	AVPR1
<b>Function</b>	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Has been involved in social behaviors, including affiliation

and attachment.

#### Cellular Location

Cell membrane; Multi-pass membrane protein.

## Background

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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.

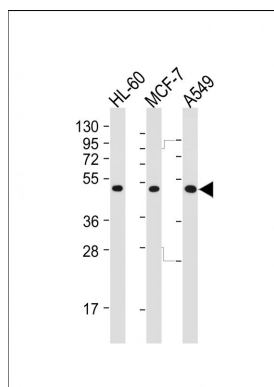
## References

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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.

## Images

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All lanes : Anti-AVPR1A Antibody (C-term) at 1:2000 dilution  
Lane 1: HL-60 whole cell lysate  
Lane 2: MCF-7 whole cell lysate  
Lane 3: A549 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.