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

Specification

AVPR1A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P37288
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 mouses 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.

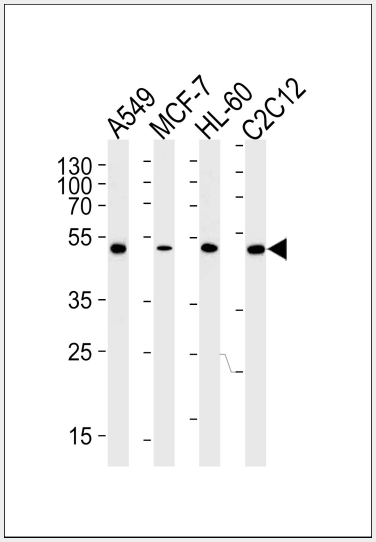
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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 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.

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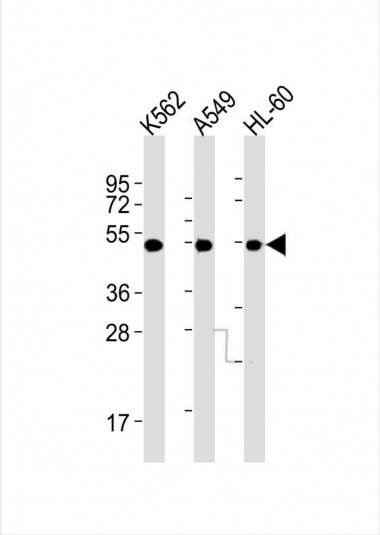

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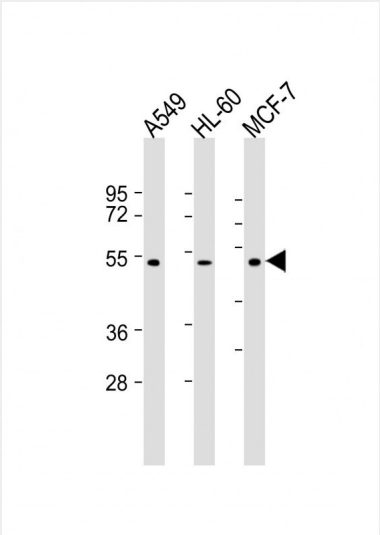

All lanes : Anti-AVPR1A Antibody (C-term) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgM, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa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