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AVPR1A Antibody (C-term)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2206b

Product Information

Application	WB, E
Primary Accession	P37288
Reactivity	Human, Rat, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Names	721CT25.2.1
Calculated MW	46800

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~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
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.

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.

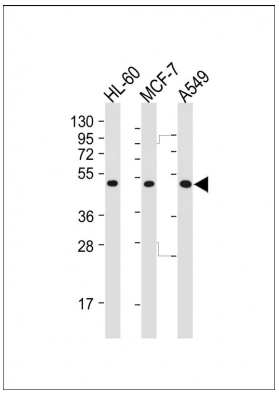
Background

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.

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.

Images



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'.