ARG64161
anti-AVPR1A antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes AVPR1A
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	AVPR1A
Species	Human
Immunogen	CHPLKTLQQPARRSR
Conjugation	Un-conjugated
Alternate Names	AVPR1; Vascular/hepatic-type arginine vasopressin receptor; Antidiuretic hormone receptor 1a; Vasopressin V1a receptor; V1aR; AVPR V1a

Application Instructions

Application table

Application	Dilution
WB	0.03 - 0.1 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	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, Jul 2008]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	47 kDa

Images

ARG64161 anti-AVPR1A antibody WB image

Western Blot: NIH3T3 lysate (35 µg protein in RIPA buffer) stained with ARG64161 anti-AVPR1A antibody at 0.03 µg/ml dilution.