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AVPR1A Rabbit pAb

Catalog # AP97896

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P37288
Other Accession	P37288
Reactivity	Human
Predicted	Rat, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46800
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human AVP Receptor V1a
Epitope Specificity	1-55/418
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	552
Other Names	AVPR V1a; AVPR1; V1aR; V1AR_HUMAN; AVPR1A; Antidiuretic hormone receptor 1a; Vascular/hepatic-type arginine vasopressin receptor; arginine vasopressin receptor 1A
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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