

Human AVPR1A blocking peptide (CDBP0540)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AVPR1A antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	AVPR1A arginine vasopressin receptor 1A [Homo sapiens]
Official Symbol	AVPR1A
Synonyms	AVPR1A; arginine vasopressin receptor 1A; AVPR1; vasopressin V1a receptor; V1aR; AVPR

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
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	V1a; V1a vasopressin receptor; antidiuretic hormone receptor 1A; SCCL vasopressin subtype 1a receptor; V1-vascular vasopressin receptor AVPR1A; vascular/hepatic-type arginine vasopressin receptor;
Entrez Gene ID	552
mRNA Refseq	NM_000706
Protein Refseq	NP_000697
UniProt ID	P37288
Chromosome Location	12q14-q15
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Function	G-protein coupled receptor activity; V1A vasopressin receptor binding; peptide hormone binding; protein binding; protein kinase C binding; receptor activity; signal transducer activity; vasopressin receptor activity;

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