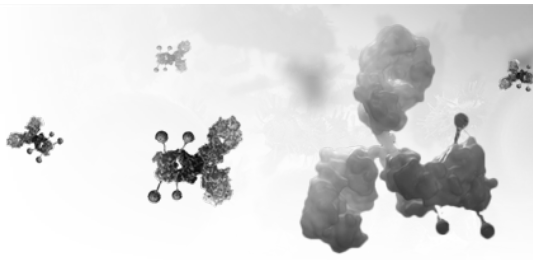

Human AVPR1B blocking peptide (CDBP0542)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AVPR1B 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 AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known.
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	Avpr1b arginine vasopressin receptor 1B [Mus musculus]
Official Symbol	AVPR1B
Synonyms	AVPR1B; arginine vasopressin receptor 1B; vasopressin V1b receptor; AVPR V3; AVPR V1b;

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	vasopressin V3 receptor; antidiuretic hormone receptor 1b; V3/V1b pituitary vasopressin receptor; arginine vasopressin type 1b receptor; VIBR; VPR3; AVPR3; V3/V1b;
Entrez Gene ID	26361
mRNA Refseq	NM_011924
Protein Refseq	NP_036054
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; peptide hormone binding; protein homodimerization activity; receptor activity; signal transducer activity; vasopressin receptor activity;

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