



Anti-AVPR1B polyclonal antibody (DPAB-DC1299)

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

PRODUCT INFORMATION

Antigen Description	AVPR1B (arginine vasopressin receptor 1B) is a protein-coding gene. Diseases associated with AVPR1B include melancholia, and acth-secreting pituitary adenoma, and among its related super-pathways are Class A/1 (Rhodopsin-like receptors) and Peptide GPCRs. GO annotations related to this gene include vasopressin receptor activity and protein kinase C binding. An important paralog of this gene is AVPR1A.
Immunogen	A synthetic peptide corresponding to mouse Avpr1b. The sequence is C-KPAGSLKDLEQVD
Source/Host	Goat
Species Reactivity	Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Avpr1b arginine vasopressin receptor 1B [Mus musculus (house mouse)]
Official Symbol	AVPR1B
Synonyms	AVPR1B; arginine vasopressin receptor 1B; VIBR; VPR3; AVPR3; V3/V1b; vasopressin V1b receptor; AVPR V3; AVPR V1b; vasopressin V3 receptor; antidiuretic hormone receptor 1b; V3/V1b pituitary vasopressin receptor; arginine vasopressin type 1b receptor;
Entrez Gene ID	26361
Protein Refseq	NP_036054
UniProt ID	Q9WU02
Chromosome Location	1 E4; 1
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like
Function	G-protein coupled receptor activity; peptide hormone binding; protein homodimerization activity; signal transducer activity