



Anti-AVPR1A polyclonal antibody (DPAB-DC2394)

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

PRODUCT INFORMATION

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.
Immunogen	A synthetic peptide corresponding to human AVPR1A. The sequence is CHPLKTLQQPARRSR
Source/Host	Goat
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	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	AVPR1A arginine vasopressin receptor 1A [Homo sapiens (human)]
Official Symbol	AVPR1A
Synonyms	AVPR1A; arginine vasopressin receptor 1A; V1aR; AVPR1; AVPR V1a; vasopressin V1a receptor; 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
Protein Refseq	NP_000697
UniProt ID	P37288
Chromosome Location	12q14-q15
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; GPCRs, Class A Rhodopsin-like
Function	V1A vasopressin receptor binding; peptide hormone binding; protein binding; protein kinase C binding