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Goat anti-AVPR1A Antibody

Item Number	dAP-1055
Target Molecule	Principle Name: AVPR1A; Official Symbol: AVPR1A; All Names and Symbols: AVPR1A; arginine vasopressin receptor 1A; AVPR1 ; SCCL vasopressin subtype 1a receptor; V1-vascular vasopressin receptor AVPR1A; V1a vasopressin receptor; antidiuretic hormone receptor 1A; vascular/hepatic-type arginine vasopressin receptor; Accession Number (s): NP_000697.1; Human Gene ID(s): 552; Non-Human GeneID(s): 54140 (mouse) 25107 (rat)
Immunogen	CHPLKTLQQPARRSR, is from internal region
Applications	Pep ELISA, WB
	Species Tested: Human, Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 85kDa band observed in Human Brain (Frontal cortex) lysates and in Rat Brain lysates and in lysates of cell line NIH3T3 (calculated MW of 46.8kDa according to NP_000697.1). The observed molecular weight corresponds to earlier findin
IHC	
Reference	Reference(s): Yirmiya N, Rosenberg C, Levi S, Salomon S, Shulman C, Nemanov L, Dina C, Ebstein RP. Association between the arginine vasopressin 1a receptor (AVPR1a) gene and autism in a family-based study: mediation by socialization skills. Mol Psychiatry. 2006 May;11(5):488-94. .PMID: 16520824 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only