

## Goat anti-AVPR1B Antibody

<b>Item Number</b>	dAP-1531
<b>Target Molecule</b>	Principle Name: AVPR1B; Official Symbol: AVPR1B; All Names and Symbols: AVPR1B; arginine vasopressin receptor 1B; AVPR3; antidiuretic hormone receptor 1B; arginine vasopressin receptor 3; pituitary vasopressin receptor 3; vasopressin V1B receptor; Accession Number (s): NP_000698.1; Human Gene ID(s): 553; Non-Human GeneID(s):
<b>Immunogen</b>	PRDLELADGEGTAE, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx. 170kDa band observed in Human Brain (Substantia Nigra) lysates (calculated MW of 47.0kDa according to NP_000698.1). The observed molecular weight corresponds to findings with EB08786, a product of different design reacting to the Mo
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Pituitary shows bright cytoplasm staining of a few active secretory cells in the anterior pituitary. Recommended concentration, 5-10µg/ml.
<b>Reference</b>	Reference(s): Dempster EL, Burcescu I, Wigg K, Kiss E, Baji I, Gadoros J, Tamás Z, Kennedy JL, Vetró A, Kovacs M, Barr CL. Evidence of an association between the vasopressin V1b receptor gene (AVPR1B) and childhood-onset mood disorders. Arch Gen Psychiatry. 2007 Oct;64(10):1189-95.PMID: 17909131->

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**