

Goat anti-AVPR2 Antibody

Item Number	dAP-1534
Target Molecule	Principle Name: AVPR2; Official Symbol: AVPR2; All Names and Symbols: AVPR2; arginine vasopressin receptor 2 (nephrogenic diabetes insipidus); ADHR; DI1; DIR; DIR3; MGC126533; MGC138386; NDI; V2R; arginine vasopressin receptor 2; Accession Number (s): NP_000045.1; Human Gene ID(s): 554; Non-Human GenID(s):
Immunogen	CARGRTPPSLGPQDE, is from C Terminus
Applications	Pep ELISA Species Tested:
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; 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 250kDa band in Human Brain (Cerebellum) lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated
IHC	
Reference	Reference(s): Mutig K, Paliege A, Kahl T, Jöns T, Müller-Esterl W, Bachmann S. Vasopressin V2 receptor expression along rat, mouse, and human renal epithelia with focus on TAL. Am J Physiol Renal Physiol. 2007 Oct;293(4):F1166-77. Epub 2007 Jul 11. PMID: 17626156->

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 end users! This product is sold for **Research Use Only**