

# GOAT ANTI-AVPR2 ANTIBODY

**SKU:** EB08787



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## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym /**

**Alias** arginine vasopressin receptor 2|V2R|NDI|MGC138386|MGC126533|DIR3|DIR|DI1|ADHR|arginine vasopressin receptor 2 (nephrogenic diabetes insipidus)|AVPR2

**Names**

**Accession ID** NP\_000045.1

**Blocking Peptide** EBP08787

**Immunogen** Peptide with sequence CARGRTPPSLGPQDE, from the C Terminus of the protein sequence according to NP\_000045.1.

**Peptide Sequence** CARGRTPPSLGPQDE

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human

**Human Gene ID** 554

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png)

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:64000.

**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 size of 40.3kDa according to NP\_000045.1. The 250kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**Application Type** Pep-ELISA

## DOCUMENTS

- [Data Sheet](#)