

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07654 - Goat Anti-AVPR1A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** AVPR1A

**Accession Number(s):** NP\_000697.1

**Human GeneID(s):** [552](#)

**Non-Human GeneID(s):** 54140 (mouse), 25107 (rat)

### Immunogen

Peptide with sequence CHPLKTLQPARRSR, from the internal region of the protein sequence according to NP\_000697.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**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 findings in literature with different antibodies (Phalipou et al, J Biol Chem. 1997 Oct 17;272(42):26536-44; PMID: 9334232). Recommended concentration: 0.03-0.1µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB07654 (0.03 $\mu$ g/ml) staining of NIH3T3 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.