EB07654 - Goat Anti-AVPR1A Antibody

Size: 100µg specific antibody in 200µl

International Office

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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 CHPLKTLQQPARRSR, 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 (0.03µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.