

Datasheet for ABIN190852
anti-AVPR1A antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µg |
| Target: | AVPR1A |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Rat, Mouse |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This AVPR1A antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |

Product Details

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| Purpose: | AVPR1A |
| Immunogen: | Peptide with sequence CHPLKTLQQPARRSR, from the internal region of the protein sequence according to NP_000697.1. |
| Sequence: | CHPLKTLQQP ARR SR |
| Isotype: | IgG |
| Cross-Reactivity: | Cow, Dog, Human, Mouse, Pig, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

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|-------------------|--|
| Target: | AVPR1A |
| Alternative Name: | AVPR1A (AVPR1A Products) |
| Background: | 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 |
| Gene ID: | 552, 54140, 25107 |
| NCBI Accession: | NP_000697 |
| Pathways: | Regulation of Systemic Arterial Blood Pressure by Hormones , Response to Water Deprivation , Regulation of Carbohydrate Metabolic Process |

Application Details

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| Application Notes: | Western Blot: Approx 85 kDa band observed in Human Brain (Frontal cortex) lysates and in Rat Brain lysates and in lysates of cell line NIH3T3 (calculated MW of 46.8 kDa according to NP_000697.1). The observed molecular weight corresponds to earlier findin Peptide ELISA: antibody detection limit dilution 1:64000. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. ABIN190852 (0.03µg/ml) staining of NIH3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.