

Datasheet for ABIN334355
anti-AVPR1B antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AVPR1B
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AVPR1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	AVPR1B
Immunogen:	Peptide with sequence C-PRDLELADGEGTAE, from the C Terminus of the protein sequence according to NP_000698.1.
Sequence:	PRDLELADGE GTAE
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	AVPR1B
Alternative Name:	AVPR1B (AVPR1B Products)
Background:	AVPR1B, arginine vasopressin receptor 1B, AVPR3, antidiuretic hormone receptor 1B, arginine vasopressin receptor 3, pituitary vasopressin receptor 3, vasopressin V1B receptor
Gene ID:	553
NCBI Accession:	NP_000698
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	<p>DS WB Results: Approx. 170 kDa band observed in Human Brain (Substantia Nigra) lysates (calculated MW of 47.0 kDa according to NP_000698.1). The observed molecular weight corresponds to findings with EB08786, a product of different design reacting to the Mouse protein. Recommended concentration: 0.05-0.2 µg/mL.</p> <p>DS IHC Results: In paraffin embedded Human Pituitary shows bright cytoplasm staining of a few active secretory cells in the anterior pituitary. Recommended concentration, 5-10 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

Handling

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. ABIN334355 (0.5µg/ml) staining of Human Amygdala lysate (35µg protein in RIPA buffer) in lane A and ABIN335123 (0.05µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer) in lane B . Primary incubation was 1 hour. Detected by chemiluminescence.