

Datasheet for ABIN657971  
**anti-AVPR1B antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	AVPR1B
Binding Specificity:	AA 289-317, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This AVPR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-317 amino acids from the C-terminal region of human AVPR1B.
Clone:	RB34126
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	AVPR1B
Alternative Name:	AVPR1B ( <a href="#">AVPR1B Products</a> )
Background:	The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium

## Target Details

second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known.

Molecular Weight: 46971

Gene ID: 553

NCBI Accession: [NP\\_000698](#)

UniProt: [P47901](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

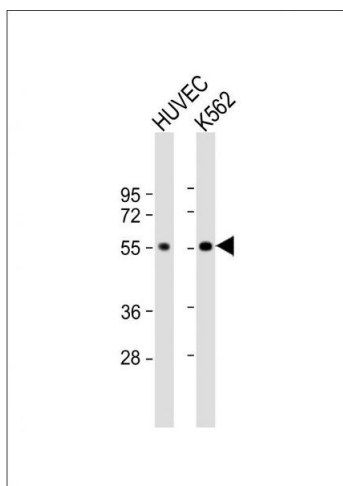
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: AVPR1B Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** All lanes : Anti-AVPR1B Antibody (C-term) at 1:1000 dilution Lane 1: HUVEC whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.