

Anti-AVPR1B antibody ab104365

[1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	Anti-AVPR1B antibody
Description	Rabbit polyclonal to AVPR1B
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to Mouse AVPR1B aa 200-300 conjugated to keyhole limpet haemocyanin. (Peptide available as ab124133)
Positive control	This antibody gave a positive signal in NIH3T3 whole cell lysate as well as the following tissue lysates: E10 Mouse Embryo Brain; Mouse Forebrain; Human Brain Membrane
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Clonality Polyclonal

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab104365 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 49 kDa (predicted molecular weight: 46 kDa).

Application notes Is unsuitable for ICC/IF.

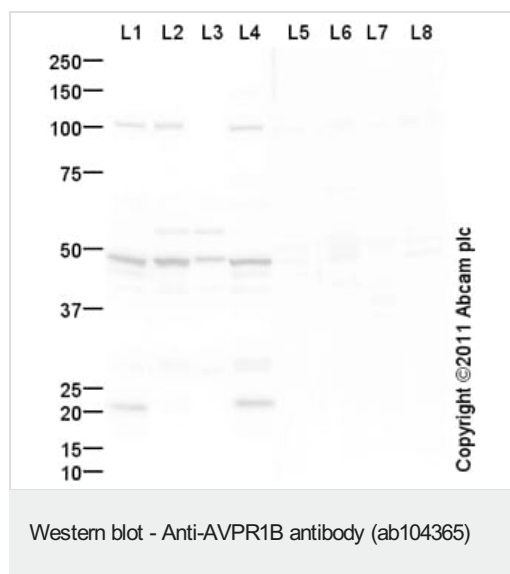
Target

Function Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system.

Sequence similarities Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.

Cellular localization Cell membrane.

Images



All lanes : Anti-AVPR1B antibody (ab104365) at 1 µg/ml

Lane 1 : E10 Mouse Embryo Brain Tissue Lysate

Lane 2 : Forebrain (Mouse) Tissue Lysate

Lane 3 : Human brain normal tissue lysate - membrane extract
([ab29456](#))

Lane 4 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate

Lane 5 : E10 Mouse Embryo Brain Tissue Lysate with Immunising peptide at 1 µg/ml

Lane 6 : Forebrain (Mouse) Tissue Lysate with Immunising peptide at 1 µg/ml

Lane 7 : Human brain normal tissue lysate - membrane extract
([ab29456](#)) with Immunising peptide at 1 µg/ml

Lane 8 : NIH 3T3 (Mouse embryonic fibroblast cell line) Whole Cell Lysate with Immunising peptide at 1 µg/ml

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed
(**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 46 kDa

Observed band size: 49 kDa

Additional bands at: 102 kDa, 22 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

VR1b contains a potential glycosylation site (SwissProt) which may explain its migration at a higher molecular weight than predicted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors