# abcam

### Product datasheet

## Anti-AVPR1B antibody ab104365

1 Abreviews 1 References 画像数 1

製品の概要

製品名 Anti-AVPR1B antibody

製品の詳細 Rabbit polyclonal to AVPR1B

由来種 Rabbit

アプリケーション 適用あり: WB

適用なし: ICC/IF

種交差性 交差種: Mouse, Human

免疫原 Synthetic peptide corresponding to Mouse AVPR1B aa 200-300 conjugated to keyhole limpet

haemocyanin.

(Peptide available as ab124133)

ポジティブ・コントロール 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

特記事項
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.

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

製品の特性

製品の状態 Liquid

保存方法 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.

**バッファー** pH: 7.40

Preservative: 0.02% Sodium azide

Constituent: PBS

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.

精製度 Immunogen affinity purified

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アイソタイプ

lgG

#### アプリケーション

**The Abpromise guarantee** <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab104365の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 49 kDa (predicted molecular weight: 46 kDa).

追加情報

Is unsuitable for ICC/IF.

#### ターゲット情報

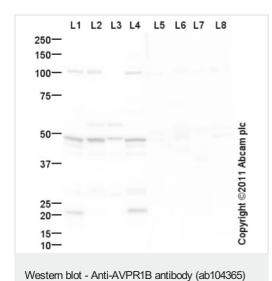
機能 Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which

activate a phosphatidyl-inositol-calcium second messenger system.

配列類似性 Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.

細胞内局在 Cell membrane.

#### 画像



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

∟ysate

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"

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- Replacement or refund for products not performing as stated on the datasheet
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- 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

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