

## Product datasheet

# Anti-AVPR V2 antibody ab108145

### 3 图像

#### 概述

产品名称	Anti-AVPR V2抗体
描述	兔多克隆抗体to AVPR V2
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Guinea pig 
免疫原	Synthetic peptide corresponding to a region within C terminal amino acids 321-370 (NPWIYASFSS SVSSELRSL CCARGRTPPS LGPQDESC TT ASSSLAKDTS) of Human AVPR V2 (NP_000045) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	HeLa cell lysate

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab108145** in the following tested applications.

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

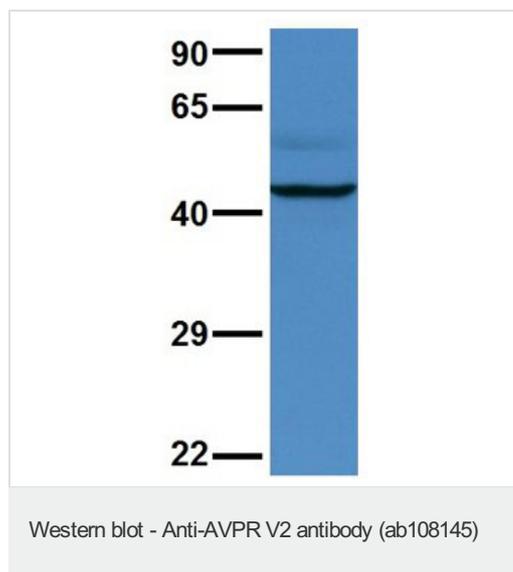
应用	Ab评论	说明

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

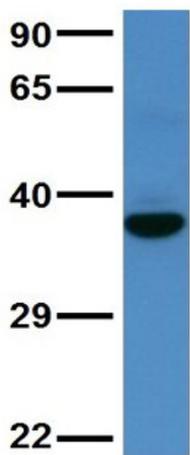
## 靶标

<b>功能</b>	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.
<b>组织特异性</b>	Kidney.
<b>疾病相关</b>	Defects in AVPR2 are the cause of nephrogenic syndrome of inappropriate antidiuresis (NSIAD) [MIM:300539]. This disorder is characterized by an inability to excrete a free water load, with inappropriately concentrated urine and resultant hyponatremia, hypoosmolarity, and natriuresis. Defects in AVPR2 are the cause of diabetes insipidus nephrogenic X-linked (XNDI) [MIM:304800]; also known as diabetes insipidus nephrogenic type 1. XNDI is caused by the inability of the renal collecting ducts to absorb water in response to arginine vasopressin. It is characterized by excessive water drinking (polydypsia), excessive urine excretion (polyuria), persistent hypotonic urine, and hypokalemia.
<b>序列相似性</b>	Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.
<b>细胞定位</b>	Cell membrane.

## 图片

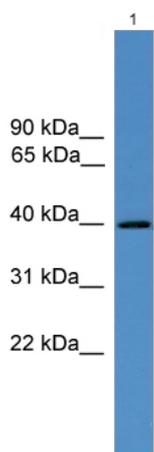


Western blot analysis of Human fetal lung tissue lysate labeling AVPR V2 with ab108145 at 1.0µg/ml.



Western blot analysis of Human fetal heart tissue lysate labeling AVPR V2 with ab108145 at 1.0 µg/ml.

Western blot - Anti-AVPR V2 antibody (ab108145)



Anti-AVPR V2 antibody (ab108145) at 1 µg/ml + HeLa cell lysate at 10 µg

**Predicted band size:** 40 kDa

Gel concentration: 12%

Western blot - Anti-AVPR V2 antibody (ab108145)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### 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 <http://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

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