

**AVPR2 / V2R Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10083**

**Specification**

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**AVPR2 / V2R Antibody (Cytoplasmic Domain) - Product Information**

Application	IHC
Primary Accession	<a href="#">P30518</a>
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

**AVPR2 / V2R Antibody (Cytoplasmic Domain) - Additional Information**

**Gene ID** 554

**Other Names**

Vasopressin V2 receptor, V2R, AVPR V2, Antidiuretic hormone receptor, Renal-type arginine vasopressin receptor, AVPR2, ADHR, DIR, DIR3, V2R

**Target/Specificity**

Human AVPR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

AVPR2 / V2R Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**AVPR2 / V2R Antibody (Cytoplasmic Domain) - Protein Information**

**Name** AVPR2

**Synonyms** ADHR, DIR, DIR3, V2R

**Function**

Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Involved in renal water reabsorption.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

Kidney.

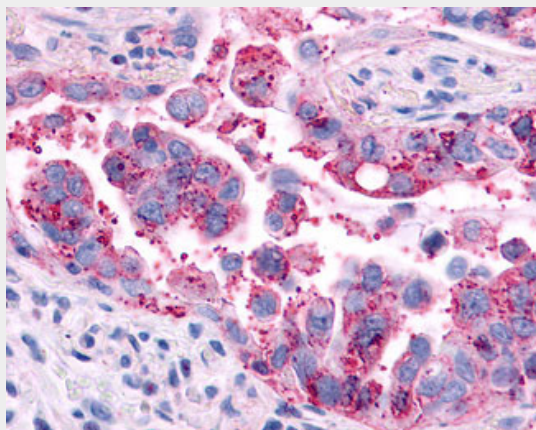
**Volume**  
50 µl

### **AVPR2 / V2R Antibody (Cytoplasmic Domain) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **AVPR2 / V2R Antibody (Cytoplasmic Domain) - Images**



Anti-AVPR2 / V2R antibody IHC of human Lung, Adenocarcinoma.

### **AVPR2 / V2R Antibody (Cytoplasmic Domain) - Background**

Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Involved in renal water reabsorption.

### **AVPR2 / V2R Antibody (Cytoplasmic Domain) - References**

- Seibold A., et al. Am. J. Hum. Genet. 51:1078-1083(1992).  
Birnbaumer M., et al. Nature 357:333-335(1992).  
Wildin R.S., et al. Am. J. Hum. Genet. 55:266-277(1994).  
Fay M.J., et al. Peptides 17:477-481(1996).  
North W.G., et al. Cancer Res. 58:1866-1871(1998).