

**AVPR2 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50033****Specification**

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**AVPR2 Antibody - Product Information**

Application	IF, WB
Primary Accession	<a href="#">P30518</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40,34 KDa
Antigen Region	80-111

**AVPR2 Antibody - 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

**Dilution**

IF~~1:100

WB~~ 1:1000

**Format**Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

**AVPR2 Antibody - 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**

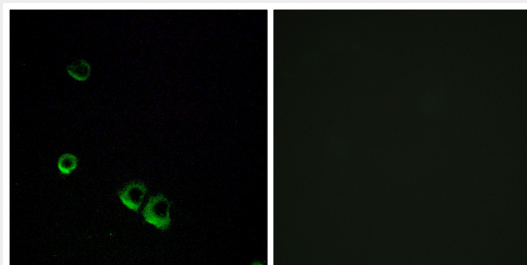
Kidney.

## AVPR2 Antibody - Protocols

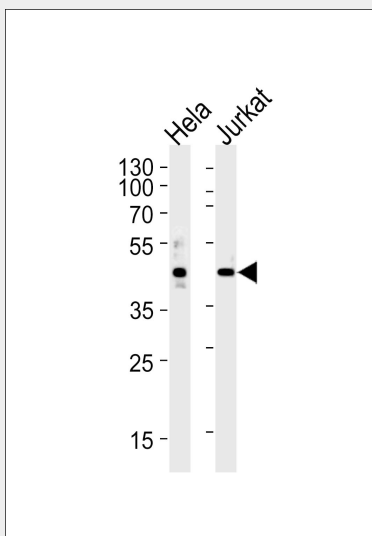
Provided below are standard protocols that you may find useful for product applications.

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

## AVPR2 Antibody - Images



Immunofluorescence analysis of MCF-7 cells, using AVPR2 antibody.



Western blot analysis of lysates from HeLa, Jurkat cell line (from left to right), using AVPR2 Antibody (G788). G788 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

## AVPR2 Antibody - 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 Antibody - References

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