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

Specification

AVPR2 Antibody - Product Information

Application	**IF, WB**
Primary Accession	P30518
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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

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.

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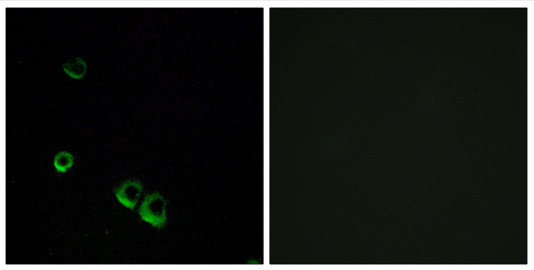
AVPR2 Antibody - Protocols

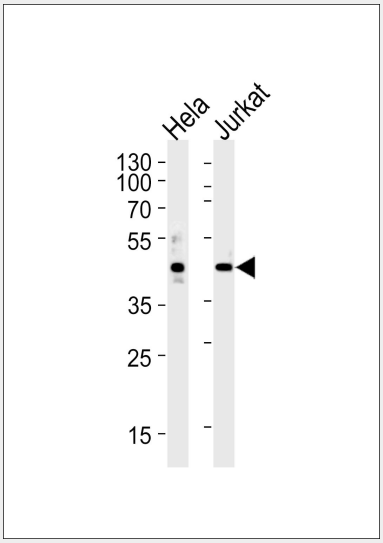
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 35ug 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).
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).