

AVPR1A Polyclonal Antibody

Product Details	
Size	100 µg
Species	Human
Published Species	Artificial Control, Human
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide corresponding to Human AVPR1A (aa 398-418)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 30% glycerol, 0.1% BSA
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2633269

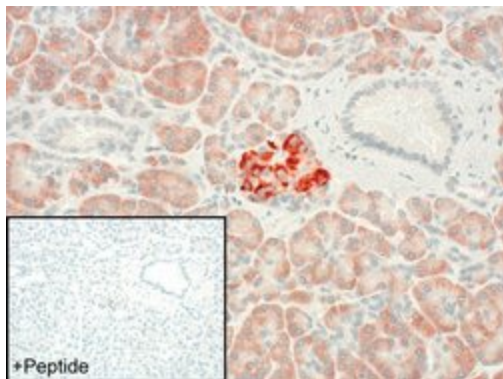
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	2 µg/mL	-
Western Blot (WB)	1-2 µg/mL	1 Publication

Product Specific Information

These Polyclonal antibodies are of rabbit origin developed by immunizing animals with proteins or peptides. The polyclonal antibody is purified by affinity purification from the rabbit sera generated after immunizing the rabbits with a specific type of protein or peptide. The purified antibody is tested for its functionality in various relevant research applications. The antibody is developed for Research Use Only and is non-hazardous or non-infectious in nature.

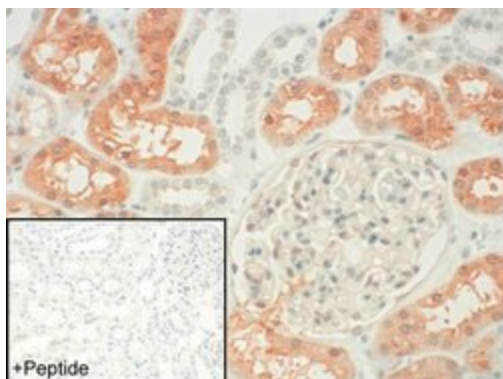
This antibody is predicted to react with Monkey, Rabbit and Cat.

Product Images For AVPR1A Polyclonal Antibody



AVPR1A Antibody (720364) in IHC

Sections of human pancreas were dewaxed, microwaved in citric acid and incubated with Anti-vasopressin receptor 1A/AVPR1A Rabbit Polyclonal Antibody (Product # 720364 at a concentration of 2 $\mu\text{g}/\text{mL}$). Sections were then sequentially treated with biotinylated anti-rabbit IgG and AB solution. Sections were then developed in AEC and lightly counterstained with hematoxylin. Inset, for adsorption controls the antibody was incubated with 10 $\mu\text{g}/\text{mL}$ of the peptide used for immunizations (+ Peptide). Note, staining of pancreatic islets is completely neutralized by preincubation of the antibody with its immunizing peptide.

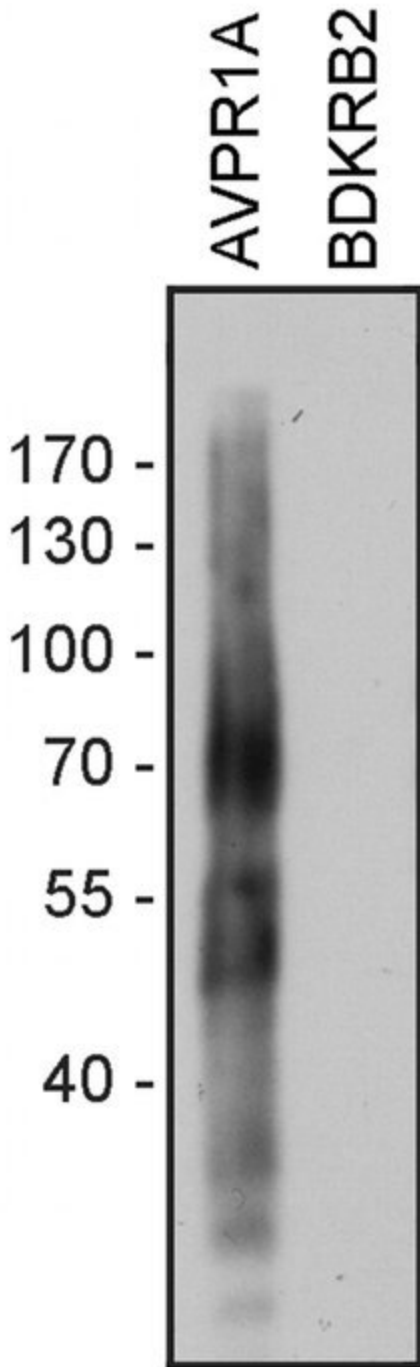


AVPR1A Antibody (720364) in IHC

Sections of human kidney were dewaxed, microwaved in citric acid and incubated with Anti-vasopressin receptor 1A/AVPR1A Rabbit Polyclonal Antibody (Product # 720364 at a concentration of 2 $\mu\text{g}/\text{mL}$). Sections were then sequentially treated with biotinylated anti-rabbit IgG and AB solution. Sections were then developed in AEC and lightly counterstained with hematoxylin. Inset, for adsorption controls the antibody was incubated with 10 $\mu\text{g}/\text{mL}$ of the peptide used for immunizations (+ Peptide). Note, staining of kidney tubules is completely neutralized by preincubation of the antibody with its immunizing peptide.

AVPR1A Antibody (720364) in WB

HEK 293 cells were transiently transfected with vasopressin receptor 1A/AVPR1A or Bradykinin receptor B2/BDKRB2. After 48 h, cells were lysed in detergent buffer and glycoproteins were enriched using wheat germ lectin agarose beads. Receptors were eluted from the beads using SDS sample buffer for 20 min at 45 °C. Extracts were separated on 7.5% SDS-polyacrylamide gels and blotted onto PVDF membranes. Membranes were then incubated with Anti-vasopressin receptor 1A/AVPR1A Rabbit Polyclonal Antibody (Product # 720364 at a concentration of 2 µg/mL). Bands from 65-80 kDa corresponding to vasopressin receptor 1A/AVPR1A was observed.



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Western Blot (1)

Bioscience reports

Correlation between miRNA target site polymorphisms in the 3' UTR of *AVPR1A* and the risk of hypertension in the Chinese Han population.

"720364 was used in Western Blotting to study the relationship between miRNA target site polymorphisms in the 3' UTR of arginine vasopressin receptor 1a gene and hypertension risk in the Chinese Han population."

Authors: Zhang L,Liu J,Cheng P,Lv F

Species
Human
Artificial Control

Dilution
1:200
Not Cited

Year
2019

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