

AVPR1A Recombinant Rabbit Monoclonal Antibody (7H23L17)

Product Details

Size	100 µg
Species Reactivity	Human, Rat
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	7H23L17
Conjugate	Unconjugated
Immunogen	Peptide corresponding to human AVPR1A [aa398-aa418]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
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_2734793

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-
Immunohistochemistry (IHC)	1:500	-
Immunocytochemistry (ICC/IF)	1:500	-

Product Specific Information

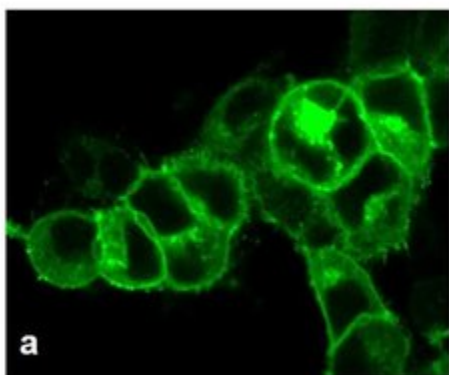
This antibody is predicted to react with Monkey, Rabbit, Cat.

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For AVPR1A Recombinant Rabbit Monoclonal Antibody (7H23L17)

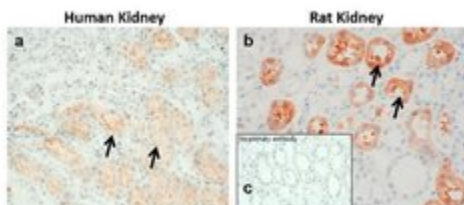
AVPR1A Antibody (702609) in ICC/IF

For immunofluorescence analysis, HEK-293 cells were stably transfected with human AVPR1A. After 24hr of transfection the cells were fixed and permeabilized for detection of AVPR1A using Anti-AVPR1A Recombinant Rabbit Monoclonal Antibody (Product # 702609, 1 µg/mL, 1:500 dilution) and labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate. Panel a) shows representative cells that were stained for detection of membrane localization of the AVPR1A on the transfected cells. The images were captured at 40X magnification.



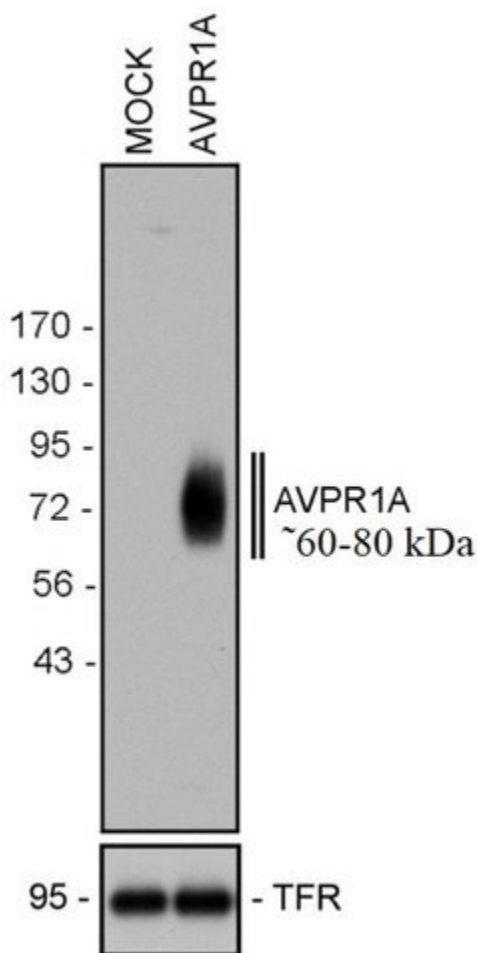
AVPR1A Antibody (702609) in IHC

Sections of Human and Rat Kidney were dewaxed, microwaved in citric acid and incubated with Anti-AVPR1A Recombinant Rabbit Monoclonal Antibody (Product # 702609, 1 µg/mL, 1:500 dilution). Sections were then sequentially treated with biotinylated Anti-rabbit IgG and AB solution. Sections were further developed in AEC and lightly counterstained with hematoxylin. Panel a & b) shows the specific localization of AVPR1A in Human and Rat Kidney respectively. Panel c) shows the no primary antibody control.



AVPR1A Antibody (702609) in WB

Western blot analysis was performed on HEK-293 cells stably transfected with human AVPR1A (Lane 2) and mock (Lane 1). 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. The blot was probed with Anti-AVPR1A Recombinant Rabbit Monoclonal Antibody (Product # 702609, 1 µg/mL, 1:500 dilution). An ~60-80 kDa band corresponding to AVPR1A was observed only in the transfected cell line.



For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.