

# AGTR1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human, Mouse, Chicken
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 16 amino acid peptide from near the center of human AGTR1.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C
RRID	AB_11157209

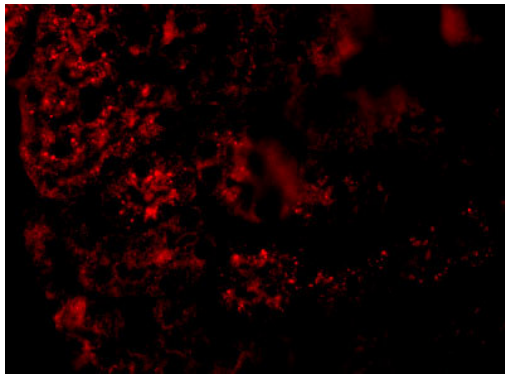
Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	3 Publications
Immunohistochemistry (IHC)	2.5 µg/mL	4 Publications
Immunocytochemistry (ICC/IF)	20 µg/mL	1 Publication
Flow Cytometry (Flow)	-	2 Publications

## Product Specific Information

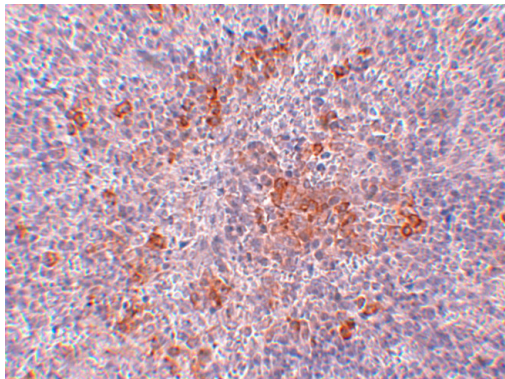
A suggested positive control is mouse kidney tissue lysate.

PA5-20812 can be used with blocking peptide PEP-0926.

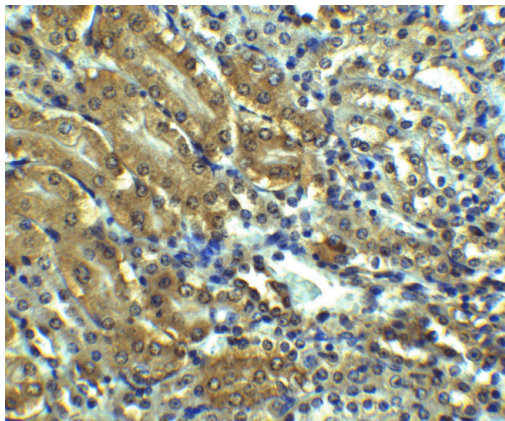
Product Images For AGTR1 Polyclonal Antibody



**AGTR1 Antibody (PA5-20812) in ICC/IF**  
Immunofluorescence of AGTR1 in Mouse Kidney cells with AGTR1 Polyclonal Antibody (Product # PA5-20812) at 20 µg/mL.



**AGTR1 Antibody (PA5-20812) in IHC**  
Immunohistochemistry of AGTR1 in mouse kidney tissue with AGTR1 Polyclonal Antibody (Product # PA5-20812) at 2.5 µg/mL.



**AGTR1 Antibody (PA5-20812) in IHC**  
Immunohistochemistry of AGTR1 in mouse kidney tissue with AGTR1 Polyclonal Antibody (Product # PA5-20812) at 2.5 µg/mL.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (3)

<p>Antioxidants (Basel, Switzerland)</p> <p><b>Spent Hen Muscle Protein-Derived RAS Regulating Peptides Show Antioxidant Activity in Vascular Cells.</b></p> <p>"PA5-20812 was used in Western Blotting to reveal that all four peptides attenuated oxidative stress in both cells."</p> <p>Authors: Fan H,Bhullar KS,Wu J</p>	<p>Year 2021</p> <p>Species Chicken</p>
<p>Heliyon</p> <p><b>Effect of (-)-epicatechin on the modulation of progression markers of chronic renal damage in a 5/6 nephrectomy experimental model.</b></p> <p>"PA5-20812 was used in Western Blotting to indicate that (-)-epicatechin is able to decrease the progression of chronic kidney disease."</p> <p>Authors: Montes-Rivera J,Arellano-Mendoza M,Nájera N,Del Valle-Mondragón L,Villarreal F,Rubio-Gayosso I,Perez-Duran J,Meaney E,Ceballos G</p>	<p>Year 2019</p> <p>Species Mouse</p>

[View more WB references on thermofisher.com](#)

Immunohistochemistry (4)

<p>Hypertension research : official journal of the Japanese Society of Hypertension</p> <p><b>Differential expression of the angiotensin receptors (AT1, AT2, and AT4) in the placental bed of HIV-infected preeclamptic women of African ancestry.</b></p> <p>"PA5-20812 was used in Immunohistochemistry to demonstrate a significant downregulation of AT2R and AT4R with a concomitant elevated AT1R immunoexpression within PB of HIV-infected PE women."</p> <p>Authors: Singh S,Moodley J,Naicker T</p>	<p>Year 2023</p> <p>Species Human</p>
<p>Cells</p> <p><b>In Vitro Characterization of a Tissue Renin-Angiotensin System in Human Nucleus Pulposus Cells.</b></p> <p>"PA5-20812 was used in Immunohistochemistry-immunofluorescence to indicate that tRAS modulation might be a novel therapeutic approach to intervertebral disc disease."</p> <p>Authors: Saravi B,Li Z,Basoli V,Grad S,Häckel S,Albers CE,Alini M,Schmal H,Obid P,Lang G</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:125</p>

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

- ICC/IF (1)
- Flow (2)

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.