

AGTR2 Polyclonal Antibody

Catalog NumberPA5-20813

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (IHC)	5 µg/mL
Immunogen	A 16 amino acid peptide from near the center of human AGTR2.	Western Blot (WB)	0.5 µg/mL
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	1 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
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		

Product specific information

A suggested positive control is mouse liver tissue lysate. PA5-20813 can be used with blocking peptide PEP-0927.

Background/Target Information

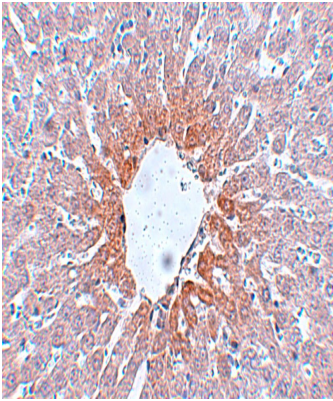
Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion that acts through at least two types of receptors, AGTR1 and AGTR2. It is an important effector controlling blood pressure and volume in the cardiovascular system and plays a major role in the development of the mammalian kidney and urinary tract. Like AGTR1, AGTR2 is a seven transmembrane G protein-coupled receptor (GPCR), but AGTR2 does not demonstrate most of the classic features of GPCR signaling. AGTR2 is involved in a wide range of activities, including the induction of neurite outgrowth and the inhibition of cellular proliferation, in addition to the known function of mediation of vasoconstriction.

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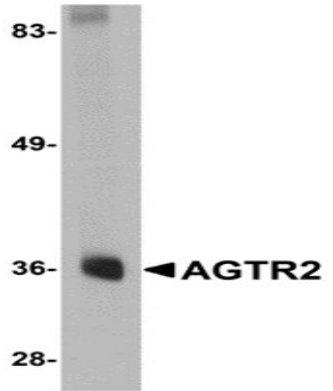
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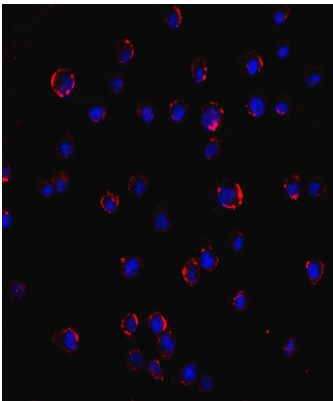
AGTR2 Antibody (PA5-20813) in IHC
Immunohistochemistry of AGTR2 in rat liver tissue with AGTR2 Polyclonal Antibody (Product # PA5-20813) at 5 µg /mL.



AGTR2 Antibody (PA5-20813) in WB
Western Blot analysis of AGTR2 in mouse liver tissue lysate with AGTR2 Polyclonal Antibody (Product # PA5-20813) at 0.5 µg/mL.



AGTR2 Antibody (PA5-20813) in ICC/IF
Immunocytochemistry of AGTR2 in Jurkat cell with AGTR2 Polyclonal Antibody (Product # PA5-20813) at 1 µg/mL.



AGTR2 Antibody (PA5-20813) in ICC/IF
Immunofluorescence of AGTR2 in Jurkat cell with AGTR2 Polyclonal Antibody (Product # PA5-20813) at 5 µg/mL.

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