

Rabbit anti-Mouse, Rat Angiotensinogen Polyclonal Antibody | anti-Agt antibody

Angiotensinogen Polyclonal Antibody

CATALOG # AAA177926	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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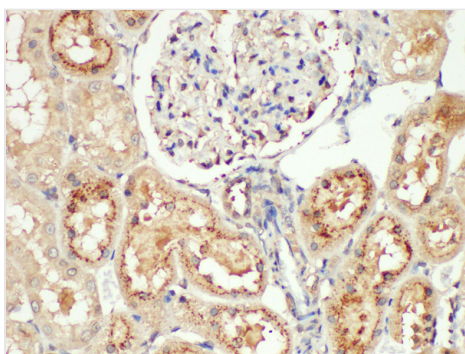
PRODUCT SYNONYMS

Angiotensinogen; Polyclonal Antibody; Angiotensinogen Polyclonal Antibody; Angiotensinogen (serpin peptidase inhibitor clade A member 8); AGT; AI265500; Alpha 1 antiproteinase antitrypsin; Ang; Ang I; Ang II; Ang III; AngII; Angiotensin I; Angiotensin II; Angiotensin III; Angiotensin-3; Angiotensinogen (PAT); ANGT; ANHU; ANRT; AT-2; AT-II; Des-Asp[1]-angiotensin II; PAT; Pre angiotensinogen; Serine (or cysteine) proteinase inhibitor; Serpin A8; Serpin peptidase inhibitor clade A member 8; SERPINA8; anti-Agt antibody

PRODUCT SPECIFICATIONS

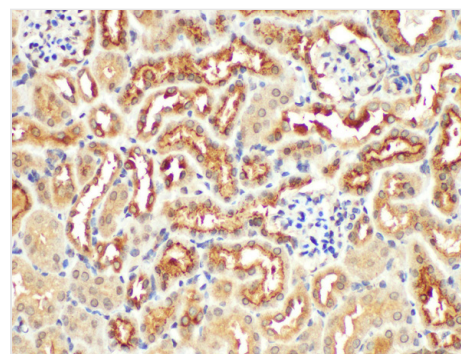
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-Agt antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Mouse Angiotensinogen protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



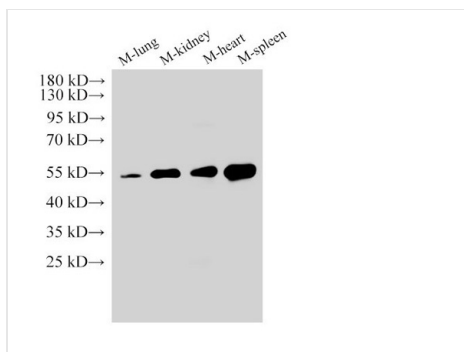
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat kidney using Angiotensinogen Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using Angiotensinogen Polyclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1)Mouse lung, 2)Mouse kidney, 3)Mouse heart, 4)Mouse spleen using Angiotensinogen Polyclonal Antibody at dilution of 1:3000.

ADDITIONAL INFORMATION

Related Product Information for anti-Agt antibody

Angiotensinogen is a precursor of angiotensin II (Ang II), is expressed and synthesized largely in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. It has a key role in mediating vascular constriction and regulating salt and fluid homeostasis. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme (ACE) to generate the physiologically active enzyme angiotensin II. Mutations in this gene are associated with susceptibility to essential hypertension, and can cause renal tubular dysgenesis, a severe disorder of renal tubular development. Defects in this gene have also been associated with non-familial structural atrial fibrillation, and inflammatory bowel disease.

Product Categories/Family for anti-Agt antibody

[Cancer](#); [Cardiovascular](#); [Metabolism](#); [Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	113881
NCBI GeneID	11606
UniProt Accession #	P11859
Molecular Weight	51,990 Da
NCBI Official Full Name	Angiotensinogen
NCBI Official Synonym Full Names	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
NCBI Official Symbol	Agt
NCBI Official Synonym Symbols	AngI; AngII; Aogen; A1265500; Serpina8
NCBI Protein Information	angiotensinogen; serpin A8; angiotensin I; angiotensin II
UniProt Protein Name	Angiotensinogen
UniProt Gene Name	Agt
UniProt Synonym Gene Names	Serpina8; Ang I; Ang II; Ang III; Ang IV
UniProt Entry Name	ANGT_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/angiotensinogen-antibody-immunohistochemistry-western-blot-elisa/177926>