

Rabbit Angiotensinogen Polyclonal Antibody | anti-AGT antibody

Angiotensinogen antibody

CATALOG # AAA107896	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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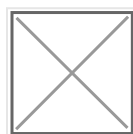
PRODUCT SYNONYMS

Angiotensinogen; Polyclonal Antibody; Angiotensinogen antibody; Polyclonal Angiotensinogen; Anti-Angiotensinogen; angiotensin I; angiotensin II; angiotensinogen; AGT; FLJ92595; FLJ97926; serpin A8; ANHU; serine (or cysteine) proteinase inhibitor; SERPINA8; anti-AGT antibody

PRODUCT SPECIFICATIONS

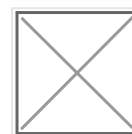
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Angiotensinogen antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	485
Applicable Applications for anti-AGT antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	The protein encoded by this gene, pre-angiotensinogen or angiotensinogen precursor, is expressed in the liver and is cleaved by the enzyme renin in response to lowered blood pressure. The resulting product, angiotensin I, is then cleaved by angiotensin converting enzyme to generate the physiologically active enzyme angiotensin II. The protein is involved in maintaining blood pressure and in the pathogenesis of essential hypertension and preeclampsia. 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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Raji) using a 10 % SDS PAGE gel and Angiotensinogen antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded H1299 xenograft using Angiotensinogen antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-AGT antibody	Affinity purified Rabbit polyclonal Angiotensinogen antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	532198
NCBI GeneID	183
UniProt Accession #	P01019; Q16358; Q16359; Q96F91
Molecular Weight	53 kDa
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	ANHU; SERPINA8
NCBI Protein Information	angiotensinogen
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_HUMAN

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-western-blot-immunohistochemistry-elisa/107896>