

Rabbit AGT/Angiotensin-1 Polyclonal Antibody | anti-AGT antibody

AGT/Angiotensin-1 Antibody

CATALOG # AAA310674	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AGT/Angiotensin-1; Polyclonal Antibody; AGT/Angiotensin-1 Antibody; ANHU; SERPINA8; anti-AGT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total AGT/Angiotensin-1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.2 mg/mL (varies by lot)
Sequence Length	485
Applicable Applications for anti-AGT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human AGT/Angiotensin-1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47494(AGT/Angiotensin-1 Antibody) at dilution 1/30. (Original magnification: 200



SDS-PAGE

Gel: 10%SDS-PAGE, Lysate: 40 μg, Lane: Human liver cancer tissue, Primary antibody: 47494(AGT/Angiotensin-1 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-AGT antibody

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 (ACE) 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557287
NCBI GeneID	183
NCBI Accession #	NP_000020.1
NCBI GenBank Nucleotide #	NM_000029.4
UniProt Accession #	P01019; Q16358; Q16359; Q96F91
Molecular Weight	53 kDa
NCBI Official Full Name	angiotensinogen preproprotein
NCBI Official Synonym Full Names	angiotensinogen
NCBI Official Symbol	AGT
NCBI Official Synonym Symbols	ANHU; hFLT1; 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

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/agt-angiotensin-1-antibody-immunohistochemistry-western-blot-elisa/310674>