

Datasheet for ABIN7432631
anti-AGT antibody (AA 25-477)

5 Images

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Overview

Quantity:	100 µL
Target:	AGT
Binding Specificity:	AA 25-477
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Angiotensinogen (AGT)
Immunogen:	Recombinant Angiotensinogen (AGT) corresponding to Asp25~Val477 (Accession # P01015)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AGT. It has been selected for its ability to recognize AGT in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	AGT
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Target Details

Alternative Name:	Angiotensinogen (AGT Products)
Background:	ANHU, SERPINA8, Angiotensin, Renin Substrate, Serpin Peptidase Inhibitor, Clade A, Member 8 (Alpha-1 Antiproteinase, Antitrypsin)
Pathways:	JAK-STAT Signaling , ACE Inhibitor Pathway , EGFR Signaling Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Regulation of Lipid Metabolism by PPARalpha , Protein targeting to Nucleus , Feeding Behaviour , Monocarboxylic Acid Catabolic Process , Dicarboxylic Acid Transport , Positive Regulation of Response to DNA Damage Stimulus , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

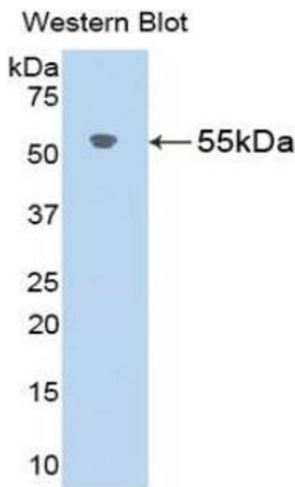
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



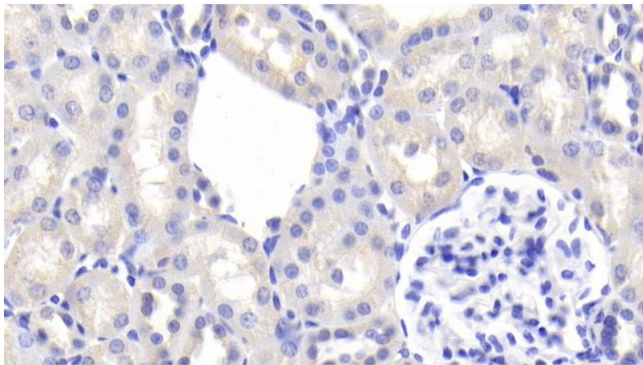
Western Blotting

Image 1. Detection of AGT in Rat Liver lysate using Polyclonal Antibody to Angiotensinogen (AGT)



Western Blotting

Image 2. Detection of Recombinant AGT, Rat using Polyclonal Antibody to Angiotensinogen (AGT)



Immunohistochemistry

Image 3. Detection of AGT in Rat Kidney Tissue using Polyclonal Antibody to Angiotensinogen (AGT)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7432631.