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anti-AGT antibody (AA 25-477)





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Overview

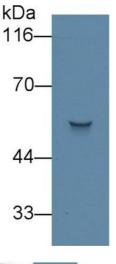
Quantity:	100 μL
Target:	AGT
Binding Specificity:	AA 25-477
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AGT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Angiotensinogen (AGT)
Immunogen:	Recombinant Angiotensinogen (AGT) corresdonding to Asp25~Val477 (Accession # P01015)
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AGT. It has been selected for its ability to recognize AGT in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

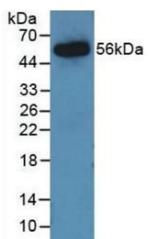
Target Details

Target:	AGT
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 accelerate
	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 expiratio
	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



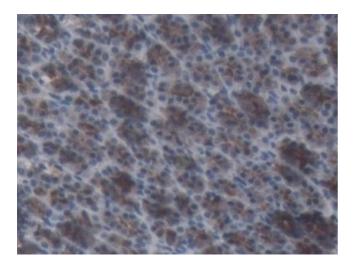
Western Blotting

Image 1. Detection of AGT in Rat Serum using Monoclonal Antibody to Angiotensinogen (AGT)



Western Blotting

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



Immunohistochemistry

Image 3. Detection of AGT in Rat Stomach Tissue using Monoclonal Antibody to Angiotensinogen (AGT)

Please check the product details page for more images. Overall 4 images are available for ABIN7426724.