

Datasheet for ABIN7127340

Recombinant anti-AGT antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	AGT
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This AGT antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human Angiotensinogen
Clone:	8A9
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

Target Details

Target:	AGT
Alternative Name:	AGT (AGT Products)
Background:	Background: Essential component of the renin-angiotensin system (RAS), a potent regulator of

Target Details

blood pressure, body fluid and electrolyte homeostasis.

Aliases: Angiotensinogen (Serpina8) [Cleaved into: Angiotensin-1 (Angiotensin 1-10) (Angiotensin I) (Ang I), Angiotensin-2 (Angiotensin 1-8) (Angiotensin II) (Ang II), Angiotensin-3 (Angiotensin 2-8) (Angiotensin III) (Ang III) (Des-Asp[1]-angiotensin II), Angiotensin-4 (Angiotensin 3-8) (Angiotensin IV) (Ang IV), Angiotensin 1-9, Angiotensin 1-7, Angiotensin 1-5, Angiotensin 1-4], AGT, SERPINA8

UniProt: [P01019](#)

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: Recommended dilution: IHC:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

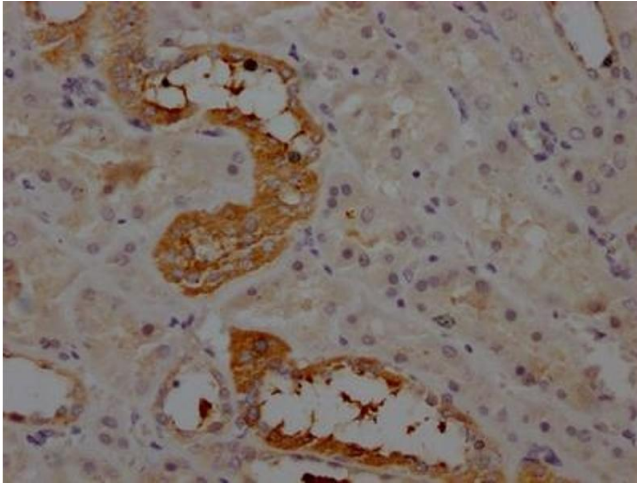
Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7127340 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.