

Datasheet for ABIN4906099

anti-Angiotensin III antibody (AA 35-41)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Angiotensin III (AGT3)
Binding Specificity:	AA 35-41
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin III antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide of human Angiotensin III
Isotype:	IgG
Specificity:	The immunogen used generate this antibody is RYIHPF, corresponding to amino acids 35-41 of human Angiotensinogen.
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Horse
Purification:	Purified by Protein A.

Target Details

Target:	Angiotensin III (AGT3)
Alternative Name:	Angiotensin 3 (AGT3 Products)
Background:	<p>Synonyms: Alpha 1 antiproteinase, antitrypsin, Ang II, ANG III, Angiotensin I, Angiotensin II, Angiotensin III, Angiotensinogen, Angiotensinogen serpin peptidase inhibitor, clade A member 8, ANHU, Pre angiotensinogen, Serine or cysteine proteinase inhibitor, Serpin A8, SERPINA8, AT-2, AT-II, ANGT_HUMAN.</p> <p>Background: Essential component of the renin-angiotensin system (RAS), a potent regulator of blood pressure, body fluid and electrolyte homeostasis. Angiotensin-2: acts directly on vascular smooth muscle as a potent vasoconstrictor, affects cardiac contractility and heart rate through its action on the sympathetic nervous system, and alters renal sodium and water absorption through its ability to stimulate the zona glomerulosa cells of the adrenal cortex to synthesize and secrete aldosterone. Angiotensin-3: stimulates aldosterone release. Angiotensin 1-7: is a ligand for the G-protein coupled receptor MAS1. Has vasodilator and antidiuretic effects. Has an antithrombotic effect that involves MAS1-mediated release of nitric oxide from platelets.</p>
Gene ID:	183

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

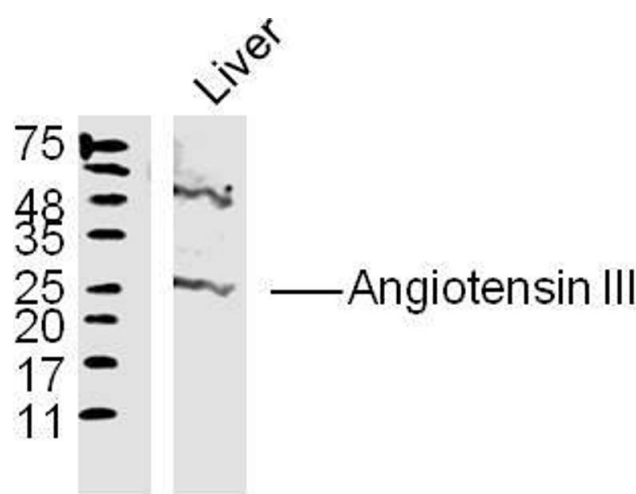
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Liver lysates probed with Angiotensin III Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody -HRP) at 1:5000 for 90 min at 37°C.