

Datasheet for ABIN7487679

**Recombinant anti-Angiotensin II antibody**[Go to Product page](#)

## Overview

Quantity:	200 µg
Target:	Angiotensin II (Ang II)
Reactivity:	Rat
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Angiotensin II antibody is un-conjugated
Application:	Please inquire

## Product Details

Purpose:	Anti-Angiotensin II [KAA8], Mouse IgG1, kappa
Immunogen:	Angiotensin II
Clone:	KAA8
Isotype:	IgG1 kappa
Cross-Reactivity:	Human
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG
Purification:	Protein A affinity purified

## Target Details

Target:	Angiotensin II (Ang II)
Alternative Name:	Angiotensin II ( <a href="#">Ang II Products</a> )
Background:	Octapeptide hormone angiotensin II, All
UniProt:	<a href="#">P01019</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">ACE Inhibitor Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

Application Notes:	Angiotensin II is a potent regulator of blood pressure, body fluid and electrolyte homeostasis. It 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.
Comment:	This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
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 up to 3 months. For longer storage, aliquot and store at -20°C.