

Datasheet for ABIN7433897

anti-Angiotensin II Type-1 Receptor antibody (AA 263-359)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Angiotensin II Type-1 Receptor (AGTR1)
Binding Specificity:	AA 263-359
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin II Type-1 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Angiotensin II Receptor 1 (AGTR1)
Immunogen:	Recombinant Angiotensin II Receptor 1 (AGTR1) corresponding to Asp263~Glu359 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AGTR1. It has been selected for its ability to recognize AGTR1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

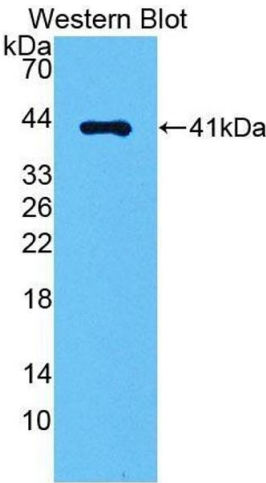
Target:	Angiotensin II Type-1 Receptor (AGTR1)
Alternative Name:	Angiotensin II Receptor 1 (AGTR1 Products)
Background:	AT1R, AG2S, AG2-S, AGTR1A, AGTR1B, AT1, AT1B, AT2R1, AT2-R1, AT2R1A, AT2R1B, HAT1R, AT1 Receptor, Angiotensin Receptor 1B
Pathways:	JAK-STAT Signaling , ACE Inhibitor Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	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 Recombinant AGTR1, Rat using Polyclonal Antibody to Angiotensin II Receptor 1 (AGTR1)