Datasheet for ABIN6259927

anti-Angiotensin II Type-1 Receptor antibody (N-Term)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	Angiotensin II Type-1 Receptor (AGTR1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiotensin II Type-1 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human AGTR1, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	AGTR1 Antibody detects endogenous levels of total AGTR1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Angiotensin II Type-1 Receptor (AGTR1)

Target Details

Alternative Name:	AGTR1 (AGTR1 Products)
Background:	Description: Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Gene: AGTR1
Molecular Weight:	45 kDa
Gene ID:	185
UniProt:	P30556
Pathways:	JAK-STAT Signaling, ACE Inhibitor Pathway, Regulation of Systemic Arterial Blood Pressure by Hormones, Feeding Behaviour

Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

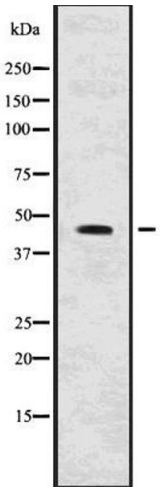
Publications

Product cited in:	Xiaojun, Yan, Hong, Xianghong, Shifeng, Dingjie, Xuemin, Lijuan, Bonan, Zhongqiu, Ruimin, Brann, Fang: "Acetylated α-Tubulin Regulated by N-Acetyl-Seryl-Aspartyl-Lysyl-Proline(Ac-SDKP) Exerts the Anti-fibrotic Effect in Rat Lung Fibrosis Induced by Silica." in: **Scientific reports**, Vol. 6

Publications

, pp. 32257, (2018) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of Angiotensin II Type 1 Receptor using HepG2 whole cell lysates

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