

Recombinant Angiotensin II Type 1 Receptor Monoclonal Antibody

catalog number: E-AB-81528

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

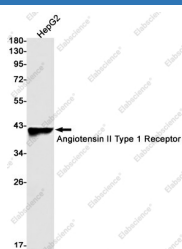
Reactivity	Human
Immunogen	A synthetic peptide of human Angiotensin II Type 1 Receptor
Host	Rabbit
Isotype	Rabbit IgG
Clone	C333314
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:1000-1:2000
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Data



Western blot detection of Angiotensin II Type 1 Receptor in HepG2 cell lysates using Angiotensin II Type 1 Receptor Rabbit mAb(1:1000 diluted). Predicted band size: 41kDa. Observed band size: 41kDa.

Observed-MW: 41 kDa

Calculated-MW: 41 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Angiotensin II (Ang II), the main effector molecule of the renin-angiotensin system, exerts its actions mainly via interaction with type-1 angiotensin II receptor (AGTR1, also named as AT1R), thereby contributing to blood pressure regulation. AGTR1 mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. By regulating vascular tone, cardiovascular function, salt and water homeostasis, AGTR1 exerts an indispensable physiological role. AGTR1 has been implicated in diverse aspects of human disease, from the regulation of blood pressure and cardiovascular homeostasis to cancer progression.

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