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AT1R/AGTR1 Rabbit pAb

Catalog No.: A14201 6 Publications

Basic Information

Observed MW
62kDa

Calculated MW
41kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse, Rat

Background

Angiotensin II is a potent vasopressor hormone and a primary regulator of aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. It acts through at least two types of receptors. This gene encodes the type 1 receptor which is thought to mediate the major cardiovascular effects of angiotensin II. This gene may play a role in the generation of reperfusion arrhythmias following restoration of blood flow to ischemic or infarcted myocardium. It was previously thought that a related gene, denoted as AGTR1B, existed; however, it is now believed that there is only one type 1 receptor gene in humans. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:1000

Immunogen Information

Gene ID
185

Swiss Prot
P30556

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 294-388 of human AT1R/AGTR1 (NP_114438.2).

Synonyms
AT1; AG2S; AT1B; AT1R; ATR1; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1B; AT1R/AGTR1

Contact

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Product Information

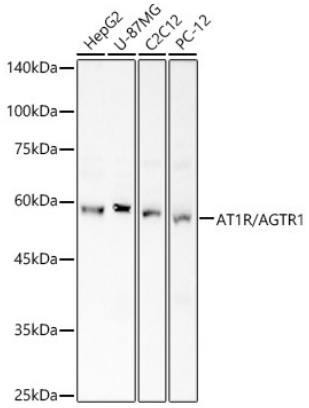
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using AT1R/AGTR1 Rabbit pAb (A14201) at 1:1500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.