

Angiotensin II type 1A receptor polyclonal antibody

Catalog: BS65523

Host: Rabbit

Reactivity: Human, Mouse, Rat,

Background:

The Angiotensin II type 1 receptor (AT1) is the primary effector of Angiotensin II, a key regulator of blood pressure and fluid homeostasis. It is involved in pathogenesis of several cardiovascular diseases such as hypertension, cardiac hypertrophy and congestive heart failure. Angiotensin II interacts with two types of G-protein coupled membrane receptors, AT1 (type 1) and AT2 (type 2). AT1 has three isoforms in rodents: AT1A (359 aa), AT1B (359 aa), and AT1C (177 aa). Rat AT1's are predicted to contain seven transmembrane domains. The N-terminus is predicted to be extracellular, while the C-terminus is predicted to be cytoplasmic. AT1's are expressed in the liver, kidney, aorta, lung, uterus, ovary, spleen, heart, adrenal and vascular smooth muscle.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~41kDa

Swiss-Prot:

P30556

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

Storage&Stability:

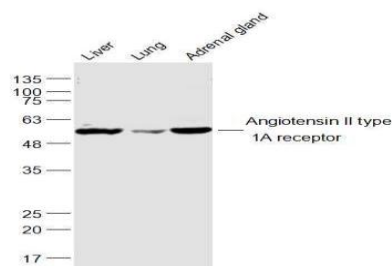
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

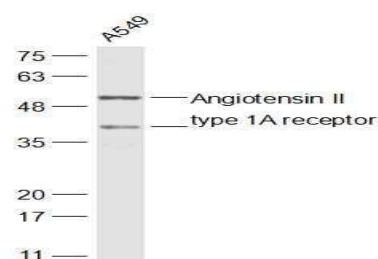
Angiotensin II type 1A receptor polyclonal Antibody de-

fects endogenous levels of Angiotensin II type 1A receptor protein.

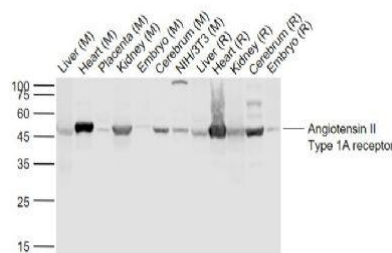
DATA:



Anti-Angiotensin II type 1A receptor at 1/1000 dilution



Anti-Angiotensin II type 1A receptor at 1/500 dilution



Anti-Angiotensin II type 1A receptor at 1/1000 dilution

Anti-Angiotensin II type 1A receptor at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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