

AGTR1 Polyclonal Antibody
Catalog # AP74339**Specification**

AGTR1 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P30556
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

AGTR1 Polyclonal Antibody - Additional Information**Gene ID** 185**Other Names**

Type-1 angiotensin II receptor (AT1AR) (AT1BR) (Angiotensin II type-1 receptor) (AT1)

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

AGTR1 Polyclonal Antibody - Protein Information**Name** AGTR1 ([HGNC:336](#))**Function**

Receptor for angiotensin II, a vasoconstricting peptide, which acts as a key regulator of blood pressure and sodium retention by the kidney (PubMed:15611106, PubMed:1567413, PubMed:25913193, PubMed:26420482, PubMed:30639100, PubMed:32079768, PubMed:8987975). The activated receptor in turn couples to G-alpha proteins G(q) (GNAQ, GNA11, GNA14 or GNA15) and thus activates phospholipase C and increases the cytosolic Ca(2+) concentrations, which in turn triggers cellular responses such as stimulation of protein kinase C (PubMed:15611106).

Cellular Location

Cell membrane; Multi-pass membrane protein

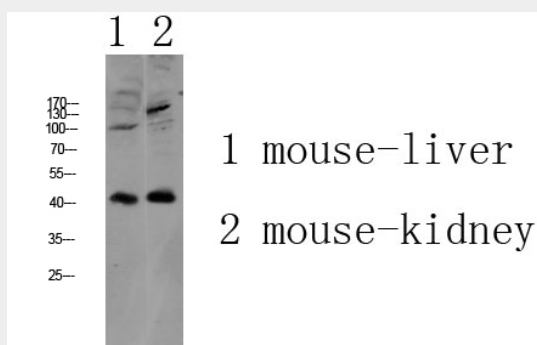
Tissue Location

Liver, lung, adrenal and adrenocortical adenomas.

AGTR1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AGTR1 Polyclonal Antibody - Images

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

AGTR1 Polyclonal Antibody - Background

Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol- calcium second messenger system.