

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 InformationName 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](http://www.uniprot.org/citations/15611106), PubMed:[1567413](http://www.uniprot.org/citations/1567413), PubMed:[25913193](http://www.uniprot.org/citations/25913193), PubMed:[26420482](http://www.uniprot.org/citations/26420482), PubMed:[30639100](http://www.uniprot.org/citations/30639100), PubMed:[32079768](http://www.uniprot.org/citations/32079768), PubMed:[8987975](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/15611106)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

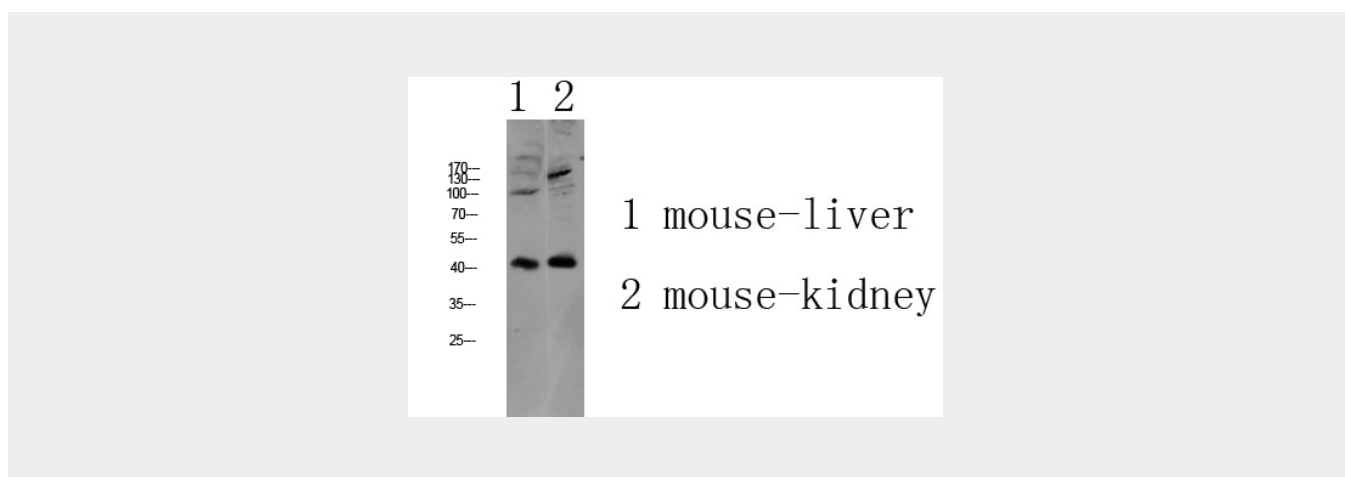
Liver, lung, adrenal and adrenocortical adenomas.

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



AGTR1 Polyclonal Antibody - Background

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