

## AGTR1 Rabbit pAb

CatalogNo: YT6157 **Orthogonal Validated** 

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, ELISA

**MW**

- 41kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000****ELISA 1:10000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human AGTR1 Polyclonal**Specificity** This antibody detects endogenous levels of AGTR1.

### Target Information

**Gene name** AGTR1 AGTR1A AGTR1B AT2R1 AT2R1B

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

**Organism**

**Gene ID**

**UniProt ID**

Human

[185;](#)

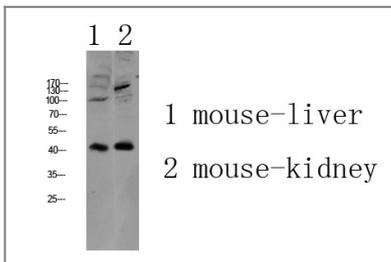
[P30556;](#)

**Cellular Localization** Cell membrane ; Multi-pass membrane protein .

**Tissue specificity** Liver, lung, adrenal and adrenocortical adenomas.

**Function** Disease:Defects in AGTR1 are a cause of renal tubular dysgenesis (RTD) [MIM:267430]. RTD is an autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype).,Function:Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.,online information:Angiotensin receptor entry,online information:The Singapore human mutation and polymorphism database,PTM:C-terminal Ser or Thr residues may be phosphorylated.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Liver, lung, adrenal and adrenocortical adenomas.,

## Validation Data



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

## Contact information

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