

## Rabbit AGTR2 / AT2 Receptor Polyclonal Antibody | anti-AGTR2 antibody

Rabbit Polyclonal to Human AGTR2 / AT2 Receptor

| CATALOG # | HOST   | REACTIVITY                                                                               | APPLICATIONS         |
|-----------|--------|------------------------------------------------------------------------------------------|----------------------|
| AAA52286  | Rabbit | Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Sheep | Immunohistochemistry |

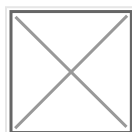
### PRODUCT SYNONYMS

AGTR2 / AT2 Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human AGTR2 / AT2 Receptor; Anti-AGTR2 / AT2 Receptor Antibody (Internal) IHC-plus; AGTR2; Angiotensin ii receptor type 2; Angiotensin II type-2 receptor; AT2 receptor; AT2; At2r; MRX88; Angiotensin ii at2; Angiotensin receptor 2; Type-2 angiotensin II receptor; ATGR2; Human AGTR2; AT2 Receptor; anti-AGTR2 antibody

### PRODUCT SPECIFICATIONS

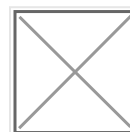
|                                                 |                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                   |
| Reactivity                                      | Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Sheep                                                                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                               |
| Specificity                                     | Human AGTR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR65 (63%), NPFFR2 (44%).                                                                                                                                                                     |
| Purity/Purification                             | Immunoaffinity Purified                                                                                                                                                                                                                                                                                  |
| Form/Format                                     | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                  |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                  |
| Sequence Length                                 | 363                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-AGTR2 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                               |
| Target Species                                  | Human                                                                                                                                                                                                                                                                                                    |
| Immunogen Description                           | Synthetic 16 amino acid peptide from internal region of human AGTR2. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Pig (100%).                                                  |
| Immunogen Type                                  | Synthetic peptide                                                                                                                                                                                                                                                                                        |
| Immunogen                                       | AGTR2 / AT2 Receptor antibody was raised against synthetic 16 amino acid peptide from internal region of human AGTR2. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Sheep, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Pig (100%). |
| Antigen Modification                            | Internal                                                                                                                                                                                                                                                                                                 |
| Preparation and Storage                         | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                         |

### IMAGES



#### IHC (Immunohistochemistry)

Anti-AGTR2 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



#### IHC (Immunohistochemistry)

Anti-AGTR2 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AGTR2 antibody | Type 2 Angiotensin Receptor (AT2) has been suggested to affect development, cell differentiation, apoptosis, and regeneration in various tissues. AT2 receptor has been shown to exert counteracting effects on cellular growth and differentiation, vascular tone, and the release of arginine vasopressin (AVP). |
| Product Categories/Family for anti-AGTR2 antibody   | Family: GPCR; Subfamily: Angiotensin                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 23238240                                                       |
| NCBI GeneID                      | 186                                                            |
| NCBI Accession #                 | NP_000677.2                                                    |
| NCBI GenBank Nucleotide #        | NM_000686.4                                                    |
| UniProt Accession #              | P50052; Q13016; Q6FGY7; B2R9V1; AAB34100                       |
| Molecular Weight                 | 41,184 Da                                                      |
| NCBI Official Full Name          | type-2 angiotensin II receptor                                 |
| NCBI Official Synonym Full Names | angiotensin II receptor, type 2                                |
| NCBI Official Symbol             | AGTR2                                                          |
| NCBI Official Synonym Symbols    | AT2; ATGR2; MRX88                                              |
| NCBI Protein Information         | type-2 angiotensin II receptor; angiotensin II type-2 receptor |
| UniProt Protein Name             | Type-2 angiotensin II receptor                                 |
| UniProt Gene Name                | AGTR2                                                          |
| UniProt Synonym Gene Names       | AT2                                                            |
| UniProt Entry Name               | AGTR2_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/agtr2-at2-receptor-antibody-immunohistochemistry-elisa/52286>