

## Rabbit AT1 Polyclonal Antibody | anti-AT1 antibody

Anti-AT1 Antibody

| CATALOG # | HOST   | REACTIVITY                           | APPLICATIONS                                           |
|-----------|--------|--------------------------------------|--------------------------------------------------------|
| AAA292981 | Rabbit | Human, Mouse, Rat, Pig, Bovine, SARS | Immunohistochemistry, Immunofluorescence, Western Blot |

### PRODUCT SYNONYMS

AT1; Polyclonal Antibody; Anti-AT1 Antibody; AGTR1A; AGTR1B; AT2R1; AT2R1B; Type-1 angiotensin II receptor; AT1AR; AT1BR; Angiotensin II type-1 receptor; anti-AT1 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Mouse, Rat, Pig, Bovine, SARS                                                                                                                  |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-AT1 antibody | IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                          |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



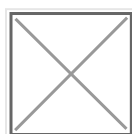
#### IF (Immunofluorescence)

Dilution: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100)



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100) Immunohistochemical analysis of AT1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/100) Western blot analysis of AT1 expression in C6 (A), PC3 (B), U87MG (C), HCC827 (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                         |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AT1 antibody | Rabbit polyclonal antibody to AT1<br>KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AT1. The exact sequence is proprietary. |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|           |         |
|-----------|---------|
| NCBI GI # | 4501997 |
|-----------|---------|

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| NCBI GeneID                      | 185                                                                               |
| NCBI Accession #                 | NP_000676.1                                                                       |
| NCBI GenBank Nucleotide #        | NM_000685.4                                                                       |
| UniProt Accession #              | P30556; Q13725                                                                    |
| Molecular Weight                 | 41,061 Da                                                                         |
| NCBI Official Full Name          | type-1 angiotensin II receptor isoform 1                                          |
| NCBI Official Synonym Full Names | angiotensin II receptor, type 1                                                   |
| NCBI Official Symbol             | AGTR1                                                                             |
| NCBI Official Synonym Symbols    | AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1A; AGTR1B; AT2R1A; AT2R1B |
| NCBI Protein Information         | type-1 angiotensin II receptor; type-1B angiotensin II receptor                   |
| UniProt Protein Name             | Type-1 angiotensin II receptor                                                    |
| UniProt Gene Name                | <b>AGTR1</b>                                                                      |
| UniProt Synonym Gene Names       | AGTR1A; AGTR1B; AT2R1; AT2R1B; AT1                                                |
| UniProt Entry Name               | AGTR1_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/at1-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/292981>