

**AGTR2 / AT2 Receptor Antibody (Internal)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10335****Specification**

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**AGTR2 / AT2 Receptor Antibody (Internal) - Product Information**

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Application       | IHC-P                                                         |
| Primary Accession | <a href="#">P50052</a>                                        |
| Reactivity        | Human, Mouse, Hamster, Monkey, Pig, Sheep, Horse, Bovine, Dog |
| Host              | Rabbit                                                        |
| Clonality         | Polyclonal                                                    |
| Calculated MW     | 41kDa KDa                                                     |
| Dilution          | IHC-P ~ N/A                                                   |

**AGTR2 / AT2 Receptor Antibody (Internal) - Additional Information****Gene ID** 186**Other Names**

Type-2 angiotensin II receptor, Angiotensin II type-2 receptor, AT2, AGTR2

**Target/Specificity**

Human AGTR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GPR65 (63%), NPFFR2 (44%).

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

AGTR2 / AT2 Receptor Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**AGTR2 / AT2 Receptor Antibody (Internal) - Protein Information****Name** AGTR2 {ECO:0000303|PubMed:7790004, ECO:0000312|HGNC:HGNC:338}**Function**

Receptor for angiotensin II, a vasoconstricting peptide (PubMed: <a href="http://www.uniprot.org/citations/28379944" target="\_blank">28379944</a>, PubMed: <a href="http://www.uniprot.org/citations/29967536" target="\_blank">29967536</a>, PubMed: <a href="http://www.uniprot.org/citations/31899086" target="\_blank">31899086</a>, PubMed: <a href="http://www.uniprot.org/citations/8185599" target="\_blank">8185599</a>). Signals primarily via a non-canonical G-protein- and beta-arrestin independent pathways (PubMed: <a href="http://www.uniprot.org/citations/28379944" target="\_blank">28379944</a>). Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation (PubMed: <a href="http://www.uniprot.org/citations/15123706" target="\_blank">15123706</a>).

**Cellular Location**

Cell membrane {ECO:0000250|UniProtKB:P35374}; Multi-pass membrane protein

**Tissue Location**

In adult, highly expressed in myometrium with lower levels in adrenal gland and fallopian tube. Expressed in the cerebellum. Very highly expressed in fetal kidney and intestine

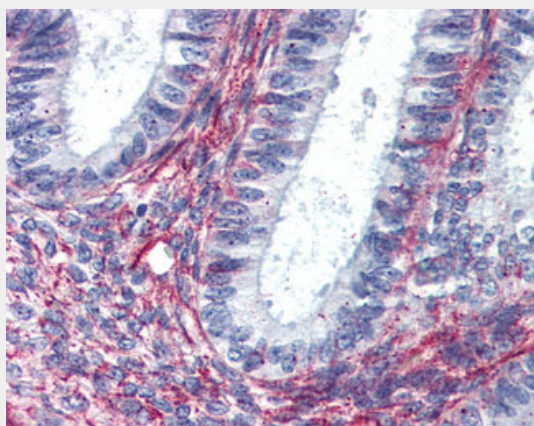
**Volume**

50 µl

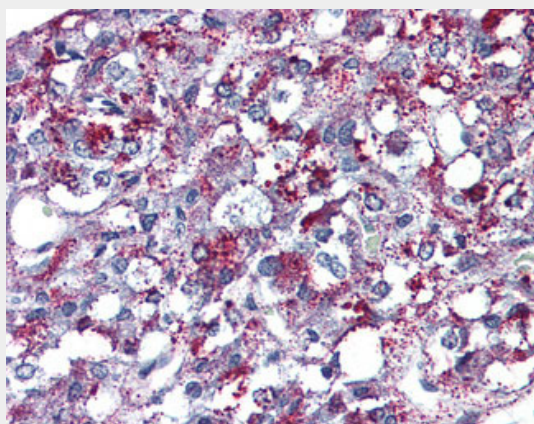
**AGTR2 / AT2 Receptor Antibody (Internal) - Protocols**

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](#)

**AGTR2 / AT2 Receptor Antibody (Internal) - Images**

Anti-AGTR2 antibody ALS10335 IHC of human uterus.



Anti-AGTR2 antibody ALS10335 IHC of human adrenal.

#### **AGTR2 / AT2 Receptor Antibody (Internal) - Background**

Receptor for angiotensin II. Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation.

#### **AGTR2 / AT2 Receptor Antibody (Internal) - References**

Martin M.M.,et al.Biochem. Biophys. Res. Commun. 209:554-562(1995).  
Chassagne C.,et al.Genomics 25:601-603(1995).  
Koike G.,et al.Biochem. Biophys. Res. Commun. 203:1842-1850(1994).  
Tsuzuki S.,et al.Biochem. Biophys. Res. Commun. 200:1449-1454(1994).  
Martin M.M.,et al.Biochem. Biophys. Res. Commun. 205:645-651(1994).