

**AGTR2 Antibody**  
**Rabbit mAb**  
**Catalog # AP90721****Specification****AGTR2 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IP                 |
| Primary Accession | <a href="#">P50052</a> |
| Reactivity        | Rat                    |
| Clonality         | Monoclonal             |

**Other Names**

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;

|               |            |
|---------------|------------|
| Isotype       | Rabbit IgG |
| Host          | Rabbit     |
| Calculated MW | 41184 Da   |

**AGTR2 Antibody - Additional Information**

|                              |                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dilution                     | WB~~1:1000<br>IP~~N/A                                                                                                                                                             |
| Purification                 | Affinity-chromatography                                                                                                                                                           |
| Immunogen                    | A synthesized peptide derived from human AGTR2                                                                                                                                    |
| Description                  | Receptor for angiotensin II. Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation.                                                                             |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

**AGTR2 Antibody - 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

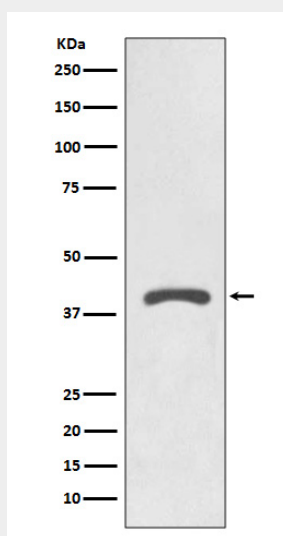
**Tissue Location**

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

**AGTR2 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](#)

**AGTR2 Antibody - Images**

Western blot analysis of AGTR2 expression in HepG2 cell lysate.