

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

AGTR2 / AT2 Receptor Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P50052
Reactivity	Human, Mouse, Hamster, Monkey, Pig, Sheep, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

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:8185599, PubMed:28379944, PubMed:29967536, PubMed:31899086). Signals primarily via a non-canonical G-protein- and beta-arrestin independent pathways (PubMed:28379944). Cooperates with MTUS1 to inhibit ERK2 activation and cell proliferation (PubMed:15123706).

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

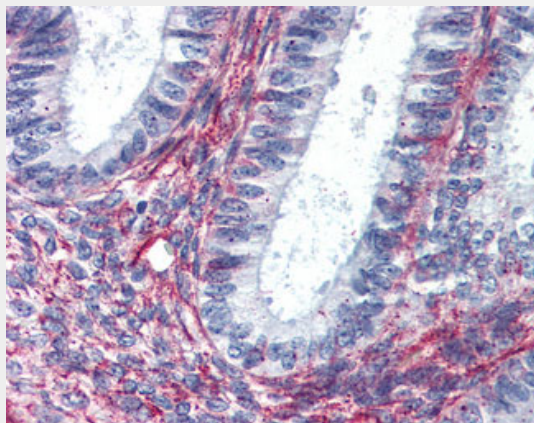
Volume

50 µl

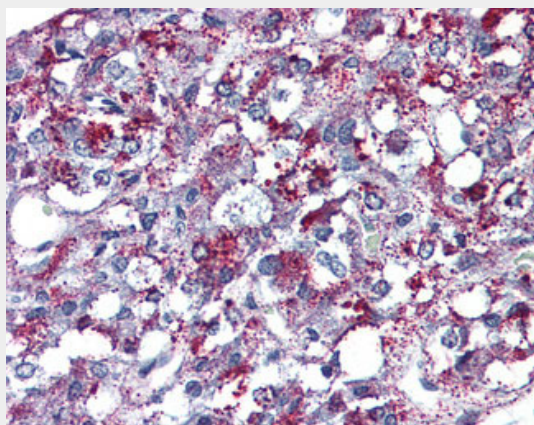
AGTR2 / AT2 Receptor Antibody (Internal) - Protocols

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).