

AGTRAP Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18437b**Specification**

AGTRAP Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q6RW13
Other Accession	NP_001035284.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	17419
Antigen Region	133-159

AGTRAP Antibody (C-term) - Additional Information**Gene ID** 57085**Other Names**

Type-1 angiotensin II receptor-associated protein, AT1 receptor-associated protein, AGTRAP, ATRAP

Target/Specificity

This AGTRAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-159 amino acids from the C-terminal region of human AGTRAP.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AGTRAP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AGTRAP Antibody (C-term) - Protein Information**Name** AGTRAP**Synonyms** ATRAP

Function Appears to be a negative regulator of type-1 angiotensin II receptor-mediated signaling by regulating receptor internalization as well as mechanism of receptor desensitization such as phosphorylation. Induces also a decrease in cell proliferation and angiotensin II- stimulated transcriptional activity.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Cytoplasmic vesicle membrane; Multi-pass membrane protein. Note=Present in perinuclear vesicular membranes, Endoplasmic reticulum, Golgi and endocytic vesicles

Tissue Location

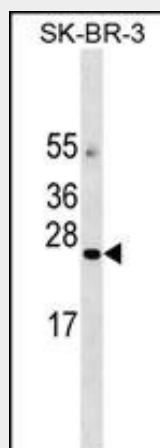
Ubiquitous but more abundant in kidney, heart, pancreas and thyroid.

AGTRAP Antibody (C-term) - 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](#)

AGTRAP Antibody (C-term) - Images



AGTRAP Antibody (C-term) (Cat. #AP18437b) western blot analysis in SK-BR-3 cell line lysates (35ug/lane). This demonstrates the AGTRAP Antibody detected the AGTRAP protein (arrow).

AGTRAP Antibody (C-term) - Background

This gene encodes a transmembrane protein localized to the plasma membrane and perinuclear vesicular structures. The gene product interacts with the angiotensin II type I receptor and negatively regulates angiotensin II signaling. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms.

AGTRAP Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Godin, C.M., et al. Mol. Pharmacol. 77(3):388-395(2010)
Rabbitts, J.A., et al. J. Physiol. (Lond.) 587 (PT 22), 5441-5449 (2009) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Newton-Cheh, C., et al. Nat. Genet. 41(6):666-676(2009)