

AGTRAP Antibody (C-term) Blocking Peptide

Synthetic peptide

Catalog # BP18437b

Specification

AGTRAP Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q6RW13](#)**AGTRAP Antibody (C-term) Blocking Peptide - Additional Information**

Gene ID 57085

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AGTRAP Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

AGTRAP Antibody (C-term) Blocking Peptide - Images

AGTRAP Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)