AGTRAP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AGTRAP, Polyclonal Antibody
Full Product Name	AGTRAP, CT (AGTRAP, ATRAP, Type-1 angiotensin II receptor-associated protein, AT1 receptor-associated protein) (MaxLight 550)
Product Gene Name	anti-AGTRAP antibody
Product Synonym Names	AGTRAP; ATRAP; Type-1 angiotensin II receptor-associated protein; AT1 receptor-associated protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human AGTRAP.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	17,419 Da
OMIM	608729. gene.
3D Structure	ModBase 3D Structure for Q6RW13
Immunogen	AGTRAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-159 amino acids from the C-terminal region of human AGTRAP.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-AGTRAP antibody	Antibodies; Angiotensin(ogen)
Applications Tested/Suitable for anti-AGTRAP antibody	Western Blot (WB), FLISA
Application Notes for anti-AGTRAP antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-AGTRAP antibody	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.
Product References and Citations for anti-AGTRAP antibody	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).

Other Notes	Small volumes of anti-AGTRAP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AGTRAP purchase	MBS6272329 is an antibody targeting AGTRAP. Also known as AGTRAP, CT (AGTRAP, ATRAP, Type-1 angiotensin II receptor-associated protein, AT1 receptor-associated protein) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AGTRAP. It may not necessarily be applicable to this product.

NCBI GI #	93588491
NCBI GeneID	57085
NCBI Accession #	NP_001035284.1
UniProt Primary Accession #	Q6RW13
UniProt Secondary Accession #	Q5SNV4; Q5SNV5; Q96AC0; Q96PL4; Q9NRW9; A8MVQ5
UniProt Related Accession #	Q6RW13
GenBank Nucleotide #	NM_001040194.1
NCBI Official Full Name	type-1 angiotensin II receptor-associated protein isoform b
NCBI Official Synonym Full Names	angiotensin II receptor-associated protein
NCBI Official Symbol	AGTRAP
NCBI Official Synonym Symbols	ATRAP
UniProt Protein Name	Type-1 angiotensin II receptor-associated protein
UniProt Synonym Protein Names	AT1 receptor-associated protein
Protein Family	Type-1 angiotensin II receptor-associated protein
UniProt Gene Name	AGTRAP
UniProt Synonym Gene Names	ATRAP
UniProt Entry Name	ATRAP_HUMAN
NCBI Protein Information	type-1 angiotensin II receptor-associated protein; AT1 receptor-associated protein; ATI receptor-associated protein; angiotensin II, type I receptor-associated protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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