Mouse anti-Human AGTRAP Monoclonal Antibody | anti-AGTRAP antibody

AGTRAP (ATRAP, Type-1 Angiotensin II Receptor-associated Protein, AT1 Receptor-associated Protein, MGC29646) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25311	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AGTRAP; Monoclonal Antibody; AGTRAP (ATRAP; Type-1 Angiotensin II Receptor-associated Protein; AT1 Receptor-associated Protein; MGC29646) (HRP); anti-AGTRAP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1G2
Specificity	Recognizes human AGTRAP.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	159
Applicable Applications for anti-AGTRAP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 0.8ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa108-210 from human AGTRAP (NP_065083) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	HMYRERGGELLVHTGFLGSSQDRSAYQTIDSAEAPADPFAVPEGRSQDARGS
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
AGTRAP monoclonal antibody, Western Blot analysis of AGTRAP expression in Hela NE.

Application Data
Detection limit for recombinant GST tagged AGTRAP is ~0.1ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to AGTRAP on formalin-fixed paraffin-embedded human prostate. [antibody concentration 0.8ug/ml].

WB (Western Blot)
Western Blot analysis of AGTRAP expression in transfected 293T cell line by AGTRAP monoclonal antibody. Lane 1: AGTRAP transfected lysate (16.7kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western blot analysis of AGTRAP over-expressed 293 cell line, cotransfected with AGTRAP Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with AGTRAP monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

WB (Western Blot)
Western Blot detection against Immunogen (31.83kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-AGTRAP antibody	Antibodies; Angiotensin(ogen)

NCBI AND UNIPROT INFORMATION

NCBI GI #	93588500
NCBI GeneID	57085
NCBI Accession #	NP_065083
NCBI GenBank Nucleotide #	NM_020350
UniProt Accession #	Q6RW13
NCBI Official Full Name	type-1 angiotensin II receptor-associated protein isoform a
NCBI Official Synonym Full Names	angiotensin II receptor associated protein
NCBI Official Symbol	AGTRAP
NCBI Official Synonym Symbols	ATRAP
NCBI Protein Information	type-1 angiotensin II receptor-associated protein
UniProt Protein Name	Type-1 angiotensin II receptor-associated protein
UniProt Gene Name	**AGTRAP**
UniProt Synonym Gene Names	ATRAP
UniProt Entry Name	ATRAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/agtrap-antibody-clone-1g2-immunohistochemistry-western-blot-elisa/25311