

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

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

|                              |                      |                            |                                                                  |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA25015</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

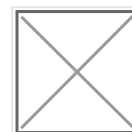
|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Fluorescein isothiocyanate (FITC).                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence Length                                  | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-AGTRAP antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Notes                                | IHC-P: 0.8ug/ml<br>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                               | HMYRERGSELLVHTGFLGSSQDRSAYQTIDSAEAPADPFAVPEGRSQDARGS                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Conjugate                                        | FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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. Caution: FITC conjugates are sensitive to light. 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

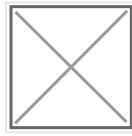
Detection limit for recombinant GST tagged AGTRAP is ~0.1ng/ml as a capture antibody.

**IHC (Immunohistochemistry)**

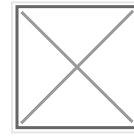
Immunoperoxidase of monoclonal antibody to AGTRAP on formalin-fixed paraffin-embedded human prostate. [antibody concentration 0.8ug/ml].

**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 #                        | <a href="#">93588500</a>                                    |
| NCBI GeneID                      | <a href="#">57085</a>                                       |
| NCBI Accession #                 | <a href="#">NP_065083</a>                                   |
| NCBI GenBank Nucleotide #        | <a href="#">NM_020350</a>                                   |
| UniProt Accession #              | <a href="#">Q6RW13</a>                                      |
| 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                | <b>AGTRAP</b>                                               |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/agtrap-antibody-clone-1g2-immunohistochemistry-western-blot-elisa/25015>