10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

AGTRAP Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant AGTRAP.
Catalog # AT1069a

Specification

AGTRAP Antibody (monoclonal) (M02) - Product Information

Application	**WB, IHC, E**
Primary Accession	Q6RW13
Other Accession	NM_020350
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**17419**

AGTRAP Antibody (monoclonal) (M02) - Additional Information

Gene ID 57085

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

Target/Specificity
AGTRAP (NP_065083, 108 a.a. ~ 159 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
AGTRAP Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

AGTRAP Antibody (monoclonal) (M02) - Protocols

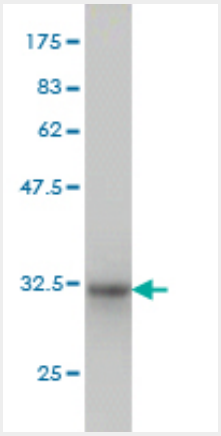
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

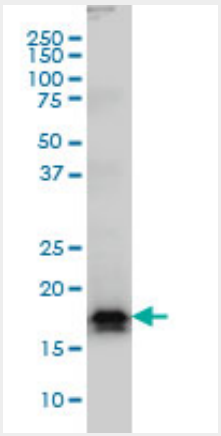
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

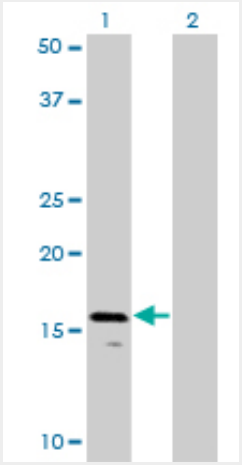
AGTRAP Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.46 KDa) .



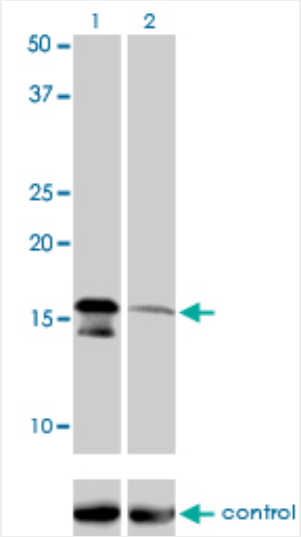
AGTRAP monoclonal antibody (M02), clone 1G2 Western Blot analysis of AGTRAP expression in Hela S3 NE ((Cat # AT1069a)



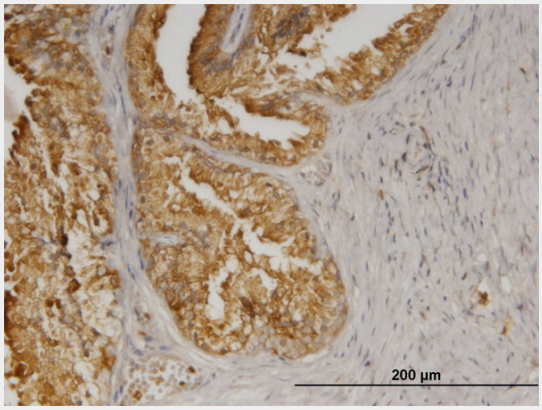
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Western Blot analysis of AGTRAP expression in transfected 293T cell line by AGTRAP monoclonal antibody (M02), clone 1G2.

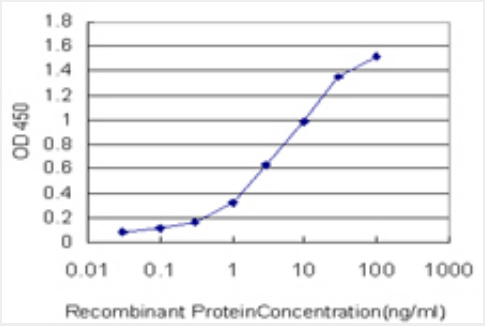
Lane 1: AGTRAP transfected lysate(16.7 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of AGTRAP over-expressed 293 cell line, cotransfected with AGTRAP Validated Chimera RNAi ((Cat # AT1069a)



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



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

AGTRAP Antibody (monoclonal) (M02) - 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 (monoclonal) (M02) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.The small GTPase Ral couples the angiotensin II type 1 receptor to the activation of phospholipase C-delta 1. Godin CM, et al. Mol Pharmacol, 2010 Mar. PMID 20018811.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Influence of endogenous angiotensin II on control of sympathetic nerve activity in human dehydration. Rabbitts JA, et al. J Physiol, 2009 Nov 15. PMID 19805740.Genome-wide association study identifies eight loci associated with blood pressure. Newton-Cheh C, et al. Nat Genet, 2009 Jun. PMID 19430483.