

For Research Use Only

# AMOT Polyclonal antibody

Catalog Number: 16870-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

16870-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001113490

GeneID (NCBI):

154796

UNIPROT ID:

Q4VCS5

Full Name:

angiomotin

Calculated MW:

118 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : human stomach tissue, HEK-293 cells

## Background Information

Angiomotin belongs to the motin family of angiotensin binding protein. The encoded protein is expressed predominantly in endothelial cells of capillaries as well as larger vessels of the placenta where it may mediate the inhibitory effect of angiotensin on tube formation and the migration of endothelial cells toward growth factors during the formation of new blood vessels. Most abundant expression was found in placenta and skeletal muscle. AMOT has two isoforms with MW 130 kDa (p130) and 80 kDa (p80). This antibody recognizes p130 only.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiajun Xiao	27875740	Int J Cardiol	WB, IF
Xue Zhang	34631281	Mol Ther Nucleic Acids	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

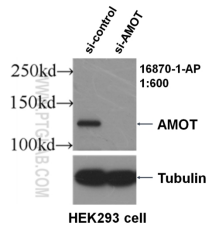
T: 4006900926

E: Proteintech-CN@ptglab.com

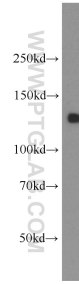
W: ptgcn.com

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## Selected Validation Data



WB result of AMOT antibody (16870-1-AP, 1:600) with si-Control and si-AMOT transfected HEK293 cells.



human stomach tissue were subjected to SDS PAGE followed by western blot with 16870-1-AP (AMOT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.