

For Research Use Only

# AMOT Polyclonal antibody

Catalog Number: 16870-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

16870-1-AP

### Size:

150ul, Concentration: 750 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001113490

### GeneID (NCBI):

154796

### UNIPROT ID:

Q4VCS5

### Full Name:

angiotensin

### 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

Angiotensin belongs to the angiotensin family of angiotensin-binding proteins. The encoded protein is expressed predominantly in endothelial cells of capillaries and larger placenta vessels. 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. The most abundant expression was found in the 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
Xiuwei Mi	39510146	Pharmacol Res	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

\*\*\* 20ul sizes contain 0.1% BSA

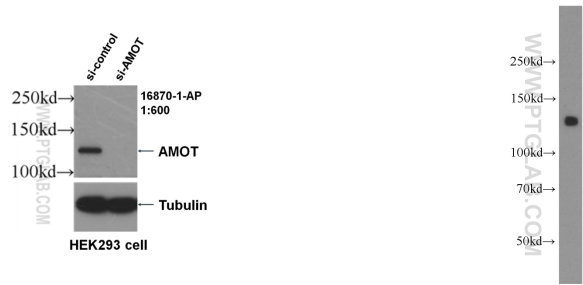
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.