

For Research Use Only

AMOT Polyclonal antibody

Catalog Number: 16870-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 16870-1-AP	GenBank Accession Number: NM_001113490	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 154796	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: angiomotin	
Isotype: IgG	Calculated MW: 118 kDa	
	Observed MW: 130 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : human stomach tissue, HEK-293 cells
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

Angiomotin belongs to the motin family of angiostatin 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 angiostatin 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

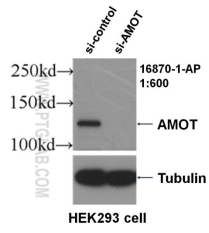
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

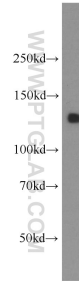
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.