

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-AMOT



Numéro de catalogue: 24550-1-AP

Phare

2 Publications

## Informations de base

Numéro de catalogue:

24550-1-AP

Numéro d'acquisition GenBank:

BC130294

Méthode de purification:

Purification par affinité contre l'antigène

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 567 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

154796

Dilutions recommandées:

WB 1:1000-1:9000  
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB  
IHC 1:50-1:500  
IF 1:20-1:200

Hôte:

Lapin

Nom complet:

angiomotin

MW calculé

1084 aa, 118 kDa

Isotype:

IgG

MW observés:

80 kDa, 130 kDa

Immunogen Catalog Number:

AG19784

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules HEK-293, HEK-293T

IP : cellules HEK-293,

IHC : tissu de cancer du côlon humain,

IF : cellules HEK-293,

## Informations générales

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 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). The p130 isoform can interact with F-actin. This antibody recognizes both p130 and p80.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Qiang Guo	32292505	Theranostics	WB
Diala Kantar	33707576	Sci Rep	IF

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

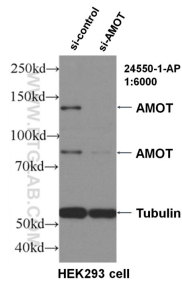
For technical support and original validation data for this product please contact:

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

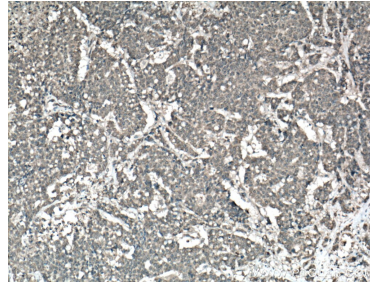
E: proteintech@ptglab.com  
W: ptglab.com

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

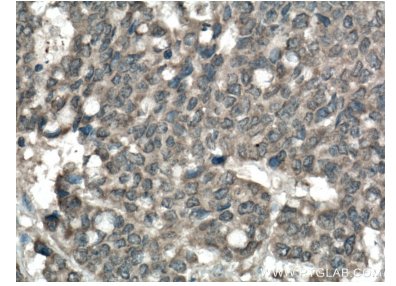
## Données de validation sélectionnées



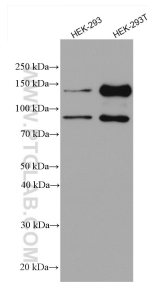
WB result of AMOT antibody (24550-1-AP, 1:6000) with si-Control and si-AMOT transfected HEK293 cells.



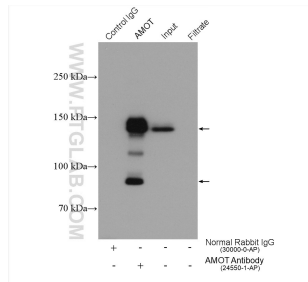
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24550-1-AP (AMOT antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



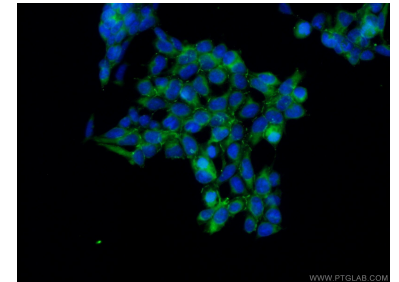
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24550-1-AP (AMOT antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 24550-1-AP (AMOT antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



IP result of anti-AMOT (IP: 24550-1-AP, 4ug; Detection: 24550-1-AP 1:1000) with HEK-293 cells lysate 1280 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 24550-1-AP (AMOT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).