

## Allgemeine Informationen

## Katalog-Nr.:

24550-1-AP

## Größe:

150ul , Konzentration: 1000 µg/ml von154796

Nanodrop und 567 µg/ml durch die Bradford-Methode mit BSA als Standard;

## Wirt:

Kaninchen

## Isotyp:

IgG

## Immunogen Katalognummer:

AG19784

## GenBank-Zugangsnummer:

BC130294

## GeneID (NCBI):

154796

## Vollständiger Name:

angiomin

## Berechnete Masse:

1084 aa, 118 kDa

## Beobachtete Masse:

80 kDa, 130 kDa

## Reinigungsmethode:

Antigen-Affinitätsreinigung

## Empfohlene Verdünnungen:

WB 1:1000-1:9000

IP 0.5-4.0 µg für IP und 1:500-1:2000

für WB

IHC 1:50-1:500

IF 1:20-1:200

## Anwendungen

## Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

## In Publikationen genannte Anwendungen:

IF, WB

## Getestete Reaktivität:

Human

## Zitierte Arten:

Human

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Positivkontrollen:

WB : HEK-293-Zellen, HEK-293T

IP : HEK-293-Zellen,

IHC : humanes Kolonkarzinomgewebe,

IF : HEK-293-Zellen,

## Hintergrundinformationen

Angiomin belongs to the min 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Qiang Guo	32292505	Theranostics	WB
Diala Kantar	33707576	Sci Rep	IF

## Lagerung

## Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

## Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

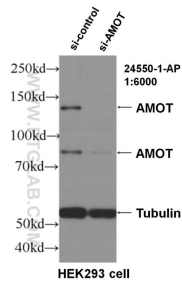
For technical support and original validation data for this product please contact:

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)  
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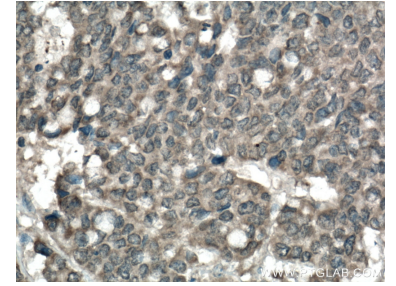
## Ausgewählte Validierungsdaten



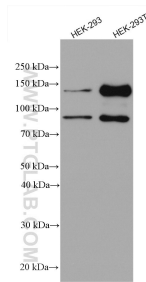
WB result of AMOT antibody (24550-1-AP, 1:6000) with si-Control and si-AMOT transfected HEK293 cells.



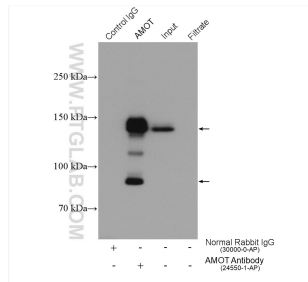
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24550-1-AP (AMOT antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



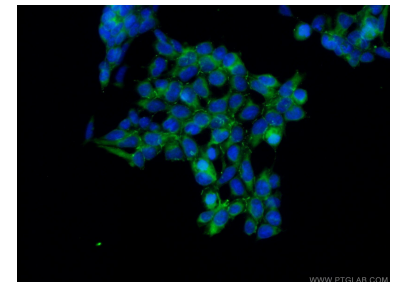
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24550-1-AP (AMOT antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



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).