

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Angiopoietin 1



Numéro de catalogue: 23302-1-AP

Phare

22 Publications

## Informations de base

Numéro de catalogue: 23302-1-AP	Numéro d'acquisition GenBank: BC152411	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 284	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: angiopoietin 1	
Isotype: IgG	MW calculé: 498 aa, 58 kDa	
Immunogen Catalog Number: AG18829	MW observés: 70 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, rat, souris

### Contrôles positifs:

WB : cellules HUVEC, cellules A375, cellules C6, cellules HeLa, cellules HepG2, cellules K-562, cellules MG U-87, tissu cardiaque de rat, tissu cardiaque de souris, tissu hépatique de souris

IHC : tissu cardiaque de souris,

IF : cellules HeLa,

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

## Informations générales

Angiopoietin 1 is a 70-kDa secreted glycoprotein generated from vascular mural cells, pericytes, and certain other cells. Angiopoietin 1 participates in vascular differentiation through angiogenesis, which is the process of the growth and remodelling of existing vessels. Angiopoietin 1 is also involved in the maintenance and turnover of blood vessels in mature animals. Angiopoietin 1 binds to and activates the TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation, playing an important role in the regulation of angiogenesis. Overexpression of Angiopoietin 1 has been proven to occur in malignant glioblastoma, neuroblastoma, non-small cell lung cancer, and other tumors.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Su-Wei Hu	36155178	Life Sci	WB
Daohai Qian	30359310	Stem Cell Res Ther	WB
Yu Wang	29061393	Neurosci Lett	WB

## 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.

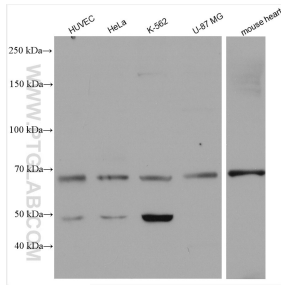
For technical support and original validation data for this product please contact:

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

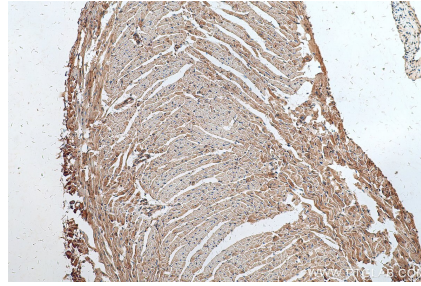
E: proteintech@ptglab.com  
W: ptglab.com

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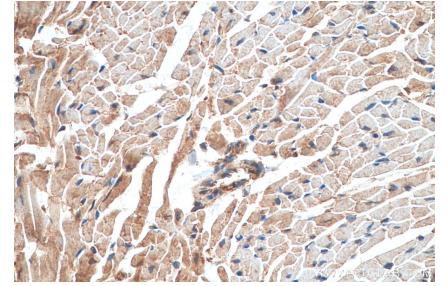
## Données de validation sélectionnées



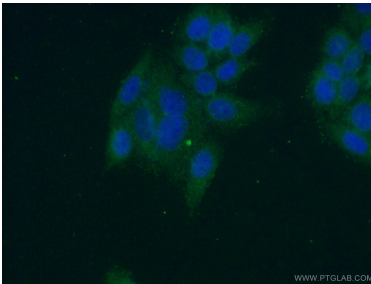
Various lysates were subjected to SDS PAGE followed by western blot with 23302-1-AP (Angiopoietin 1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 23302-1-AP (Angiopoietin 1 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 mouse heart tissue slide using 23302-1-AP (Angiopoietin 1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 23302-1-AP (Angiopoietin 1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).