

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Gelsolin

Numéro de catalogue: 66280-1-Ig

Phare



## Informations de base

Numéro de catalogue:

66280-1-Ig

Numéro d'acquisition GenBank:

BC026033

Méthode de purification:

Chromatographie d'affinité  
thiophilique

Taille:

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

Identification du gène (NCBI):

2934

CloneNo.:

3C4A2

Hôte:

Mouse

Nom complet:

gelsolin (amyloidosis, Finnish type)

Dilutions recommandées:

WB 1:1000-1:4000

IHC 1:20-1:1000

Isotype:

IgA

MW calculé

782 aa, 86 kDa

MW observés:

80-83 kDa

Immunogen Catalog Number:

AG17916

## Applications

Applications testées:

IHC, WB, ELISA

Spécificité de l'espèce:

Humain

Contrôles positifs:

WB : tissu plasmatique humain, cellules A549, cellules  
HT-29, cellules U2OS, plasma humain

IHC : tissu de côlon humain, tissu de cancer du côlon  
humain

**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

Gelsolin (GSN) is an actin binding protein that regulates actin-severing/depolymerizing in a calcium dependent manner, and acts as a multifunctional regulator for cell metabolism and survival. Gelsolin exists in two isoforms: a cytoplasmic gelsolin (cGSN; 80-90 kDa) and a plasma gelsolin (pGSN; 93 kDa), differing at N terminal residues. Decreased levels of pGSN are strongly associated with human diseases, such as, acute liver injury, major trauma, myocardial infarction, inflammation, lung injury, rheumatoid arthritis, hemodialysis, multiple sclerosis, Alzheimer's disease.

## 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.

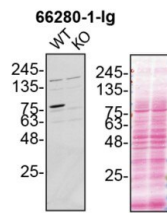
For technical support and original validation data for this product please contact:

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

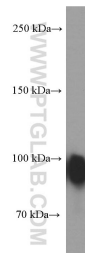
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

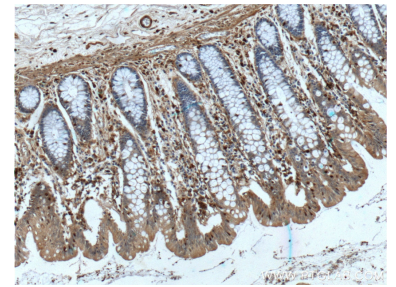
## Données de validation sélectionnées



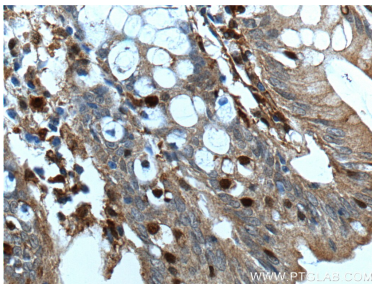
U2OS (WT and GSN KO) lysates prepared with RIPA buffer, 25 µg protein loaded. 66280-1-Ig incubated at 1:1000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency.



human plasma were subjected to SDS PAGE followed by western blot with 66280-1-Ig (Gelsolin Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66280-1-Ig (Gelsolin Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66280-1-Ig (Gelsolin Antibody) at dilution of 1:200 (under 40x lens).