

Allgemeine Informationen

Katalog-Nr.:

66280-1-Ig

Größe:

150ul, Konzentration: 1000 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:

Maus

Isotyp:

IgA

Immunogen Katalognummer:

AG17916

GenBank-Zugangsnummer:

BC026033

GeneID (NCBI):

2934

Vollständiger Name:

gelsolin (amyloidosis, Finnish type)

Berechnete Masse:

782 aa, 86 kDa

Beobachtete Masse:

80-83 kDa

Reinigungsmethode:

Thiophiler Affinitätschromatograph

CloneNo.:

3C4A2

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IHC 1:20-1:1000

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human

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

Positivkontrollen:

WB: humanes Plasmagewebe, A549-Zellen, HT-29-Zellen, U2OS-Zellen

IHC: humanes Kolongewebe, humanes Kolonkarzinomgewebe

Hintergrundinformationen

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.

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**

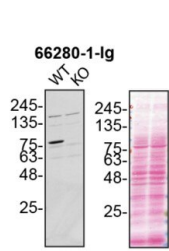
For technical support and original validation data for this product please contact:

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

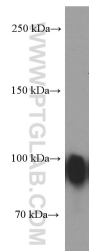
E: proteintech@ptglab.com
W: ptglab.com

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

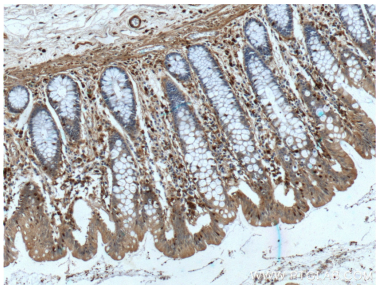
Ausgewählte Validierungsdaten



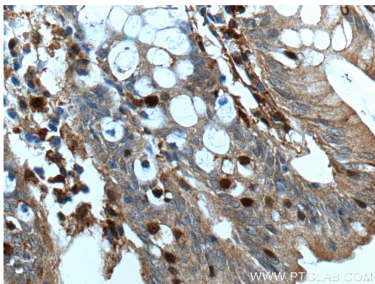
U2OS (WT and GSN KO) lysates prepared with RIPA buffer, 25 µg protein loaded. 66280-1-Ig incubated at 1:1000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific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