

For Research Use Only

Filamin-C Polyclonal antibody, PBS Only

Catalog Number: 28492-1-PBS



Basic Information

Catalog Number:

28492-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29328

GenBank Accession Number:

NM_001458

GeneID (NCBI):

2318

UNIPROT ID:

Q14315

Full Name:

filamin C, gamma (actin binding protein 280)

Calculated MW:

291 kDa

Observed MW:

280-300 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Filamin C (FLNC; also known as γ -FLN; ABP-L; FLN2), a muscle-specific filamin and a large actin-cross-linking protein. Human filamins are ~280 kDa homodimers, each monomer consisting of an N-terminal actin-binding domain followed by 24 immunoglobulin (Ig)-like domains (d1 to d24), the last of which mediates dimerization. FLNC is specifically expressed in cardiomyocytes and skeletal myocytes and is involved in the maintenance of structural integrity. High filamin C associated with better prognosis of prostate cancer, leukemia and breast cancer patients. (PMID: 25577646, PMID: 30867563, PMID: 31131323)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

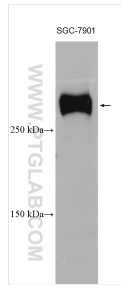
T: 4006900926

E: Proteintech-CN@ptglab.com

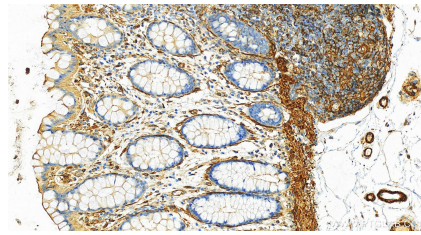
W: ptgcn.com

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Selected Validation Data



SGC-7901 cells were subjected to SDS PAGE followed by western blot with 28492-1-AP (filamin-c antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28492-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon slide using 28492-1-AP (FLNC antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 28492-1-PBS in a different storage buffer formulation.