

For Research Use Only

# Filamin-C Polyclonal antibody, PBS Only

Catalog Number: 28492-1-PBS



## Basic Information

### Catalog Number:

28492-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### 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  $\gamma$ -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.

### Storage Buffer:

PBS Only

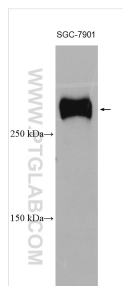
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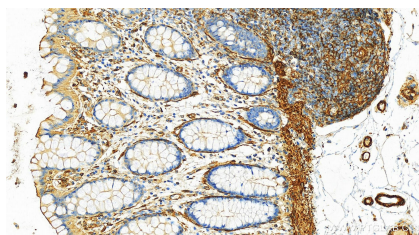
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## Selected Validation Data



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.