

FLNB Polyclonal Antibody

Catalog No: tcba7509



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Recombinant fusion protein containing a sequence corresponding to amino acids 1686-1785 of human FLNB (NP_001157789.1).

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:1000

IHC-P 1:50 - 1:100

IF/ICC 1:20 - 1:100

Source:

Rabbit

Tested Application:

ELISA, WB, IHC-P, IF/ICC

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

AOI; FH1; SCT; TAP; LRS1; TABP; FLN-B; FLN1L; ABP-278; ABP-280; FLNB

SwissProt:

O75369

Gene ID:

2317 (human);

Calculated Molecular Weight:

278kDa

Observed Molecular Weight:

298kDa

Purification:

Affinity purification

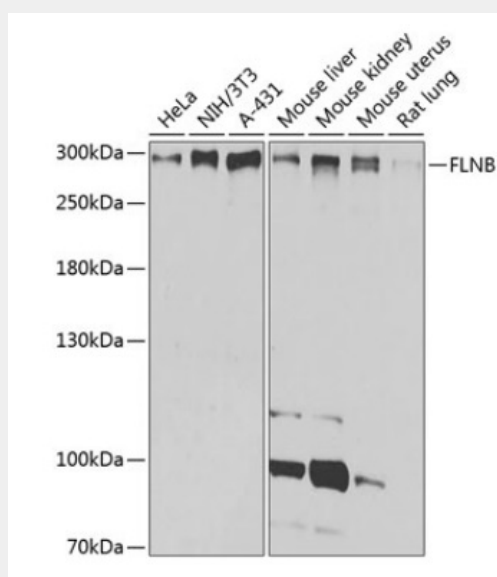
Cellular Location:

Cytoplasm, Z line, cell cortex, cytoskeleton, myofibril, sarcomere,

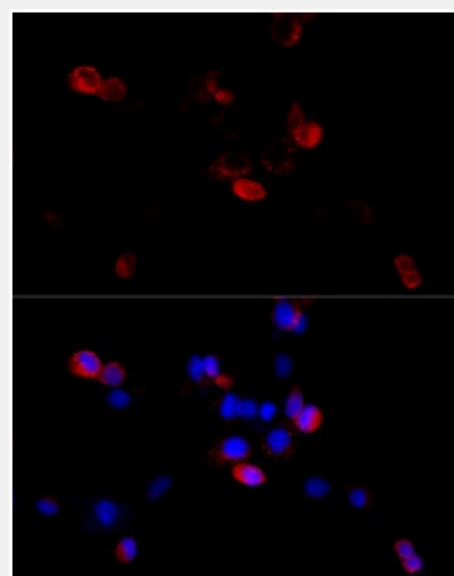
Product Description

This gene encodes a member of the filamin family. The encoded protein interacts with glycoprotein Ib alpha as part of the process to repair vascular injuries. The platelet glycoprotein Ib complex includes glycoprotein Ib alpha, and it binds the actin cytoskeleton.

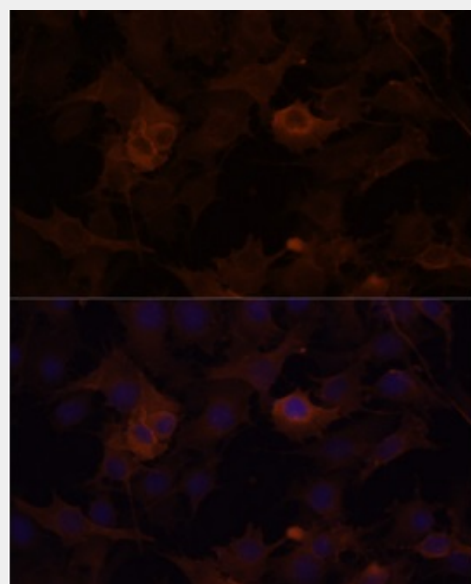
Mutations in this gene have been found in several conditions: atelosteogenesis type 1 and type 3; boomerang dysplasia; autosomal dominant Larsen syndrome; and spondylocarpotarsal synostosis syndrome. Multiple alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.



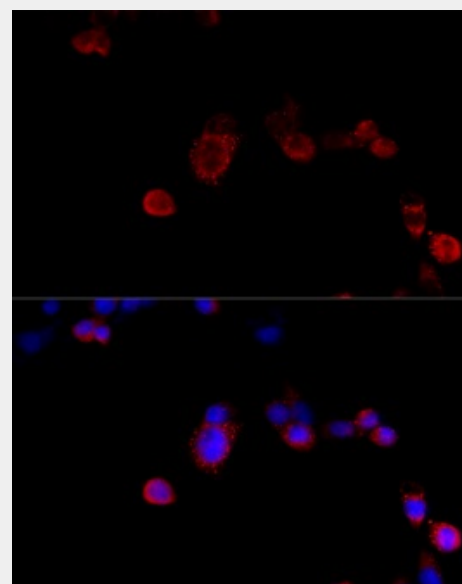
Western blot analysis of extracts of various cell lines, using FLNB antibody (tcba7509) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



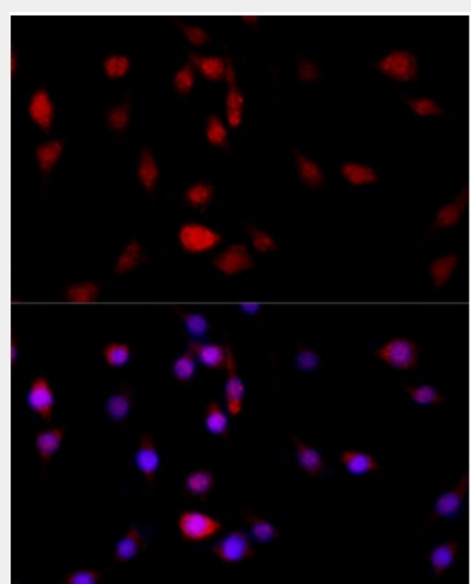
Immunofluorescence analysis of HeLa cells using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



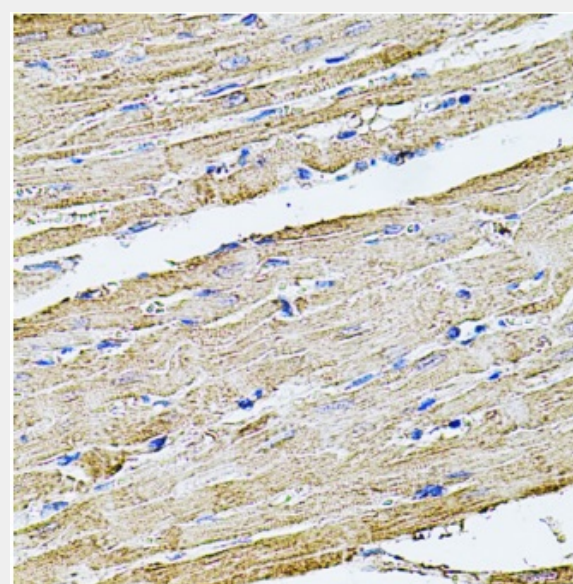
Immunofluorescence analysis of HUVEC cells using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



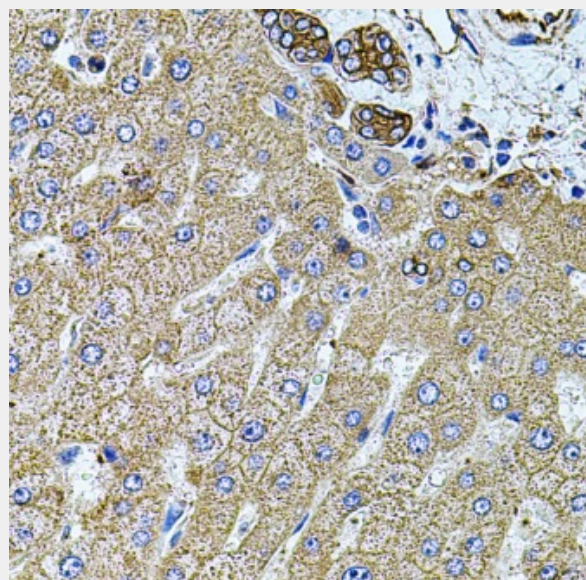
Immunofluorescence analysis of NIH/3T3 cells using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



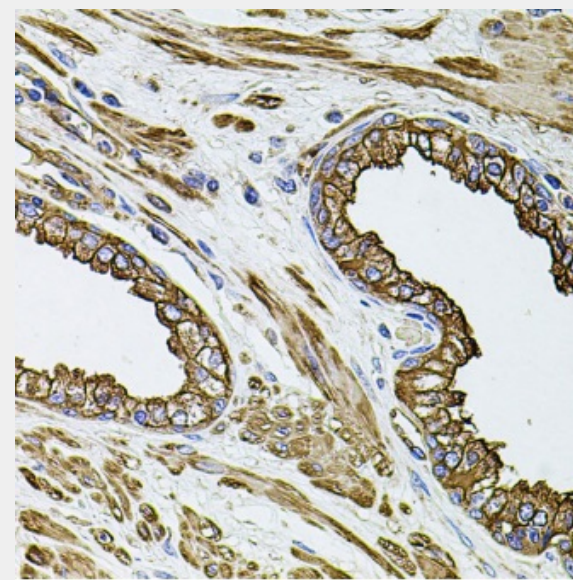
Immunofluorescence analysis of PC-12 cells using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of FLNB in paraffin-embedded rat heart using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of FLNB in paraffin-embedded human liver damage using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of FLNB in paraffin-embedded human prostate using FLNB Rabbit pAb (tcba7509) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!