

For Research Use Only

Nesprin 3 Polyclonal antibody

Catalog Number: 27132-1-AP

1 Publications



Basic Information

Catalog Number:

27132-1-AP

Size:

150ul, Concentration: 1200 ug/ml by Nanodrop and 767 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26002

GenBank Accession Number:

BC146604

GeneID (NCBI):

161176

UNIPROT ID:

Q6ZMZ3

Full Name:

chromosome 14 open reading frame

49

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : C2C12 cells, rat spleen tissue, mouse spleen tissue

Background Information

Nesprin 3 also known as C14orf49, SYNE3, belongs to the Nesprin family. Nesprin-3 is a type II transmembrane protein of the outer nuclear membrane and contains a C-terminal KASH domain and a series of spectrin repeats(PMID: 16330710). Nesprin-3, a protein that links intermediate filaments to the nucleus, regulates endothelial cell morphology, perinuclear cytoskeletal organization, and flow-induced cell polarization and migration. Nesprin-3 is robustly expressed in human aortic endothelial cells and localizes to the nuclear envelope(PMID: 21937718).

Notable Publications

Author	Pubmed ID	Journal	Application
Yunfei Zhang	34268309	Front Cell Dev Biol	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

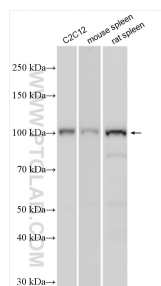
For technical support and original validation data for this product please contact:

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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.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27132-1-AP (Nesprin 3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.