
Product Name: Nesprin-3 Rabbit Polyclonal Antibody**Catalog #: APRab14569**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ICC/IF,ELISA |
| Reactivity | Human,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000 |
| Molecular Weight | 115kDa |

Antigen Information

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|--------------------------|--|
| Gene Name | SYNE3 |
| Alternative Names | SYNE3; C14orf49; Nesprin-3; Nuclear envelope spectrin repeat protein 3 |
| Gene ID | 161176.0 |
| SwissProt ID | Q6ZMZ3 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human C14orf49. AA range:169-218 |

Background

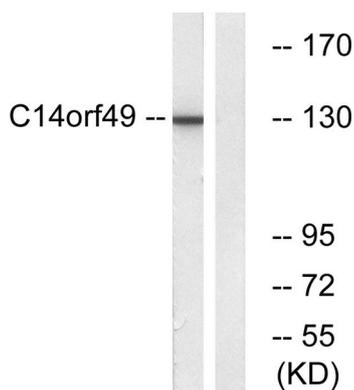
function:Involved in the maintenance of nuclear organization and structural integrity. Probable anchoring protein which theters

the nucleus to the cytoskeleton by binding PLEC1/Plectin which can associate with the intermediate filament system.,similarity:Belongs to the nesprin family.,similarity:Contains 1 KASH domain.,similarity:Contains 2 spectrin repeats.,subcellular location:Located at the rough reticulum endoplasmic (RER) in some cells.,subunit:Interacts with actin-binding domain of PLEC1/plectin.,function:Involved in the maintenance of nuclear organization and structural integrity. Probable anchoring protein which theters the nucleus to the cytoskeleton by binding PLEC1/Plectin which can associate with the intermediate filament system.,similarity:Belongs to the nesprin family.,similarity:Contains 1 KASH domain.,similarity:Contains 2 spectrin repeats.,subcellular location:Located at the rough reticulum endoplasmic (RER) in some cells.,subunit:Interacts with actin-binding domain of PLEC1/plectin.,

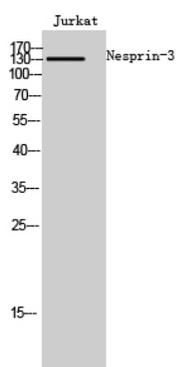
Research Area

Signal Transduction; Cytoskeleton / ECM; Cytoskeleton; Microfilaments; Actin etc; Actin Binding Proteins

Image Data



Western blot analysis of lysates from Jurkat cells, using C14orf49 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of Jurkat cells using Nesprin-3 Polyclonal Antibody.