

## Nesprin-3 Polyclonal Antibody

<b>Catalog No :</b>	YT3039
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	Nesprin-3
<b>Gene Name :</b>	SYNE3
<b>Protein Name :</b>	Nesprin-3
<b>Human Gene Id :</b>	161176
<b>Human Swiss Prot No :</b>	Q6ZMZ3
<b>Mouse Gene Id :</b>	212073
<b>Mouse Swiss Prot No :</b>	Q4FZC9
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human C14orf49. AA range:169-218
<b>Specificity :</b>	Nesprin-3 Polyclonal Antibody detects endogenous levels of Nesprin-3 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 115kD

**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.,

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**Subcellular Location :** Nucleus outer membrane ; Single-pass type IV membrane protein . Nucleus envelope . Rough endoplasmic reticulum .

**Expression :** Expressed in aortic endothelial cells (at protein level).

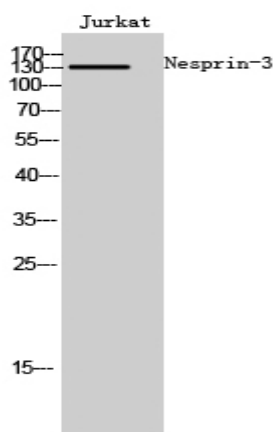
**Sort :** 10673

**No4 :** 1

**Host :** Rabbit

**Modifications :** Unmodified

## Products Images



Western Blot analysis of Jurkat cells using Nesprin-3 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

