



Nesprin 4 mouse mAb

Catalog No	YP-mAb-18127
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SYNE4 C19orf46
Immunogen	Synthesized peptide derived from human Nesprin 4
Specificity	This antibody detects endogenous levels of Nesprin 4 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C19orf46;NESP4;Nesprin 4;Nuclear envelope spectrin repeat protein 4;SYNE4;SYNE4 C19orf46;Nesprin-4 (Nuclear envelope spectrin repeat protein 4)
Observed Band	44 kDa
Calculated Molecular Weight	44kD
Cell Pathway	Nucleus outer membrane ; Single-pass type IV membrane protein . Localization at the nucleus outer membrane requires the presence of SUN1. .
Tissue Specificity	
Function	As a component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex, involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning (By similarity). Behaves as a kinesin cargo, providing a functional binding site for kinesin-1 at the nuclear envelope. Hence may contribute to the establishment of secretory epithelial morphology by promoting kinesin-dependent apical migration of the centrosome and Golgi apparatus and basal localization of the nucleus (By similarity).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images