



NUP54 mouse mAb

Catalog No	YP-mAb-08856
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	NUP54
Protein Name	NUP54
Immunogen	Synthesized peptide derived from human NUP54 AA range: 98-148
Specificity	This antibody detects endogenous levels of NUP54 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	
Observed Band	
Cell Pathway	Nucleus, nuclear pore complex . Nucleus membrane ; Peripheral membrane protein ; Cytoplasmic side . Nucleus membrane ; Peripheral membrane protein ; Nucleoplasmic side . Biased towards cytoplasmic side. Central region of the nuclear pore complex, within the transporter. .
Tissue Specificity	
Function	domain:Contains FG repeats.,function:Component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane.,PTM:O-glycosylated.,similarity:Belongs to the NUP54 family.,subcellular location:Biased towards cytoplasmic side. Central region of the nuclear pore complex, within the transporter.,subunit:Component of the p62 complex, a complex composed of NUP62, NUP54, and the isoform p58 and isoform p45 of NUPL1.,
Background	The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG)



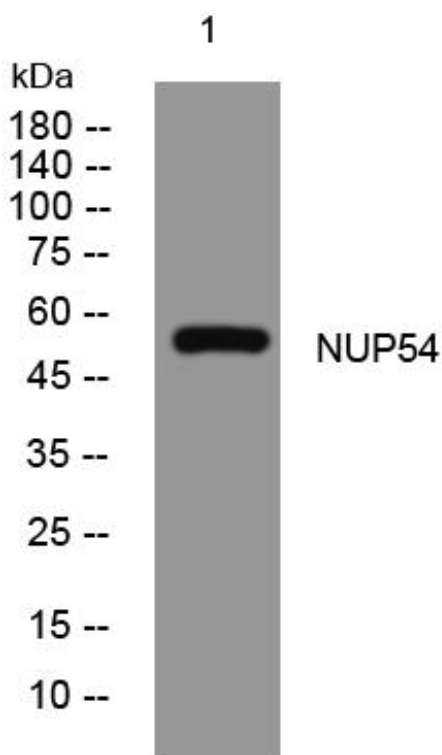
repeat-containing nucleoporin subset. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2013],

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

Western Blot analysis of various cells using NUP54 mouse mAb