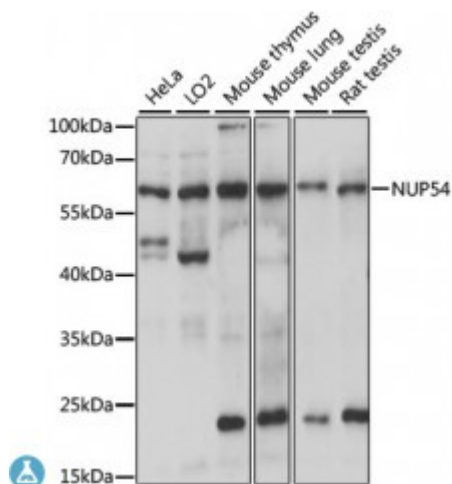


Anti-NUP54 Antibody



Description

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.

Model	STJ117649
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-400 of human NUP54 (NP_059122.2).
Gene ID	53371
Gene Symbol	NUP54
Dilution range	WB 1:200 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nucleoporin p54 54 kDa nucleoporin
Molecular Weight	55.435 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17359OMIM:607607Reactome:R-HSA-1169408
Alternative Names	Nucleoporin p54 54 kDa nucleoporin
Function	Component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane,
Cellular Localization	Nucleus, nuclear pore complex
Post-translational Modifications	O-glycosylated,

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