



## Rabbit Anti-NUP54 antibody

SL4028R

<b>Product Name:</b>	NUP54
<b>Chinese Name:</b>	NUP54抗体
<b>Alias:</b>	54 kDa nucleoporin; MGC13407; Nucleoporin p54; NUP54 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	55kDa
<b>Cellular localization:</b>	The nucleuscytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human NUP54:351-450/507
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>NUP54 contains FG repeats and it belongs to the NUP54 family. It is a component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane.</p> <p><b>Function:</b> Component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane</p>

**Subunit:**

Component of the p62 complex, a complex composed of NUP62, NUP54, and the isoform p58 and isoform p45 of NUPL1

**Subcellular Location:**

Nucleus, nuclear pore complex (By similarity). Nucleus membrane; Peripheral membrane protein; Cytoplasmic side (By similarity). Nucleus membrane; Peripheral membrane protein; Nucleoplasmic side (By similarity). Note=Biased towards cytoplasmic side. Central region of the nuclear pore complex, within the transporter

**Post-translational modifications:**

O-glycosylated

**Similarity:**

Belongs to the NUP54 family.

**SWISS:**

Q7Z3B4

**Gene ID:**

53371

**Database links:**

[Entrez Gene: 53371](#)Human

[Entrez Gene: 269113](#)Mouse

[Entrez Gene: 53372](#)Rat

[Omir: 607607](#)Human

[SwissProt: Q7Z3B4](#)Human

[SwissProt: Q8BTS4](#)Mouse

[SwissProt: P70582](#)Rat

[Unigene: 430435](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.