



# NUP85 Rabbit pAb

<b>Catalog No</b>	YP-Ab-19255
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB
<b>Gene Name</b>	NUP85 NUP75 PCNT1
<b>Protein Name</b>	Nuclear pore complex protein Nup85 (85 kDa nucleoporin) (FROUNT) (Nucleoporin Nup75) (Nucleoporin Nup85) (Pericentrin-1)
<b>Immunogen</b>	Synthesized peptide derived from human NUP85
<b>Specificity</b>	This antibody detects endogenous levels of NUP85 at Human, Mouse, Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	72kD
<b>Cell Pathway</b>	Nucleus, nuclear pore complex . Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle . Cytoplasm . Nucleus membrane . During mitosis, localizes to the kinetochores and spindle poles (PubMed:12718872, PubMed:16807356). Upon CCL2 stimulation translocates from the cytoplasm to the membrane and colocalizes with CCR2 at the front of migrating cells (PubMed:15995708). .
<b>Tissue Specificity</b>	
<b>Function</b>	Essential component of the nuclear pore complex (NPC) that seems to be required for NPC assembly and maintenance . As part of the NPC Nup107-160 subcomplex plays a role in RNA export and in tethering NUP96/Nup98 and NUP153 to the nucleus . The Nup107-160 complex seems to be required for spindle assembly during mitosis . NUP85 is required for membrane clustering of CCL2-activated CCR2 . Seems to be involved in CCR2-mediated chemotaxis of monocytes and may link activated CCR2 to the phosphatidyl-inositol 3-kinase-Rac-lammellipodium protrusion cascade . Involved in nephrogenesis .



## 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