



Anti-NUP133 (aa 1069-1155) polyclonal antibody (DPAB-DC2433)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. The nucleoporin protein encoded by this gene displays evolutionarily conserved interactions with other nucleoporins. This protein, which localizes to both sides of the nuclear pore complex at interphase, remains associated with the complex during mitosis and is targeted at early stages to the reforming nuclear envelope. This protein also localizes to kinetochores of mitotic cells.

Immunogen NUP133 (NP_060700, 1069 a.a. ~ 1155 a.a) partial recombinant protein with GST tag. The sequence is
LKLEILCKALQRDNWSSSDGKDDPIEVSKDSIFVKILQKLLKDGILSEYLPEVKDLLQA
DQLGSLKSNPYFEFVLKANYEYVQGG

Source/Host Mouse

Species Reactivity Human

Conjugate Unconjugated

Applications WB (Recombinant protein), ELISA,

Size 50 µl

Buffer 50 % glycerol

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NUP133 nucleoporin 133kDa [Homo sapiens (human)]
Official Symbol	NUP133
Synonyms	NUP133; nucleoporin 133kDa; hNUP133; nuclear pore complex protein Nup133; nucleoporin 133kD; nucleoporin Nup133; 133 kDa nucleoporin;
Entrez Gene ID	55746
Protein Refseq	NP_060700
UniProt ID	Q8WUM0
Chromosome Location	1q42.13
Pathway	Antiviral mechanism by IFN-stimulated genes; Cell Cycle, Mitotic; Disease; Gene Expression
Function	nucleocytoplasmic transporter activity; protein binding;