

## ARG44117 anti-NUP133 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes NUP133
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NUP133
Species	Human
Immunogen	Human NUP133 recombinant protein (Position: Q228-I1156).
Conjugation	Un-conjugated
Alternate Names	NUP133; Nucleoporin 133; Nuclear Pore Complex Protein Nup133; 133 KDa Nucleoporin; Nucleoporin 133kDa; Nucleoporin Nup133; FLJ10814; Nucleoporin 133kD; HNUP133; GAMOS8; NPHS18

### Application Instructions

Application table	Application	Dilution
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	NUP133
Gene Full Name	Nucleoporin 133
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. 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.
Function	Involved in poly(A)+ RNA transport. Involved in nephrogenesis.
Calculated Mw	129 kDa
PTM	Acetylation, Methylation, Phosphoprotein
Cellular Localization	Centromere, Chromosome, Kinetochore, Nuclear pore complex, Nucleus

Images

ARG44117 anti-NUP133 antibody WB image

Western blot: HeLa, HepG2 and 293T stained with ARG44117 anti-NUP133 antibody at 0.5 µg/ml dilution.

