

Product datasheet for **AP52969PU-N**

NUP107 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 405-433 amino acids from the Central region of human NUP107
Specificity:	This antibody recognizes Human and Mouse NUP107 (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nucleoporin 107kDa
Database Link:	Entrez Gene 103468 Mouse Entrez Gene 57122 Human P57740



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Background:

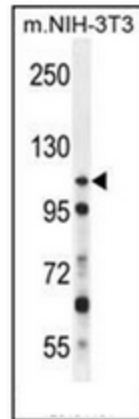
This gene encodes a member of the nucleoporin family. The protein is localized to the nuclear rim and is an essential component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

Synonyms:

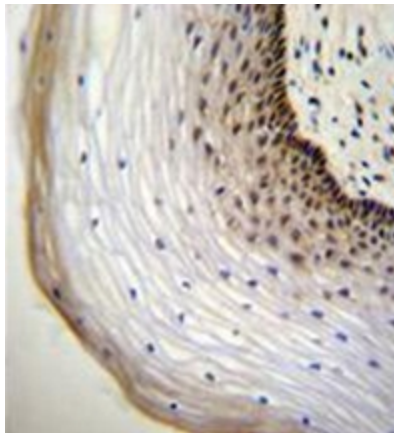
Nucleoporin Nup107, NUP84

Note:

Molecular Weight: 106374 Da

Product images:

Western blot analysis of NUP107 Antibody (Center) in mouse NIH-3T3 cell line lysates (35ug/lane). This demonstrates the NUP107 antibody detected the NUP107 protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human cervical tissue reacted with NUP107 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.