

Datasheet for ABIN953789

anti-NUP107 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

| | |
|----------------------|--|
| Quantity: | 0.4 mL |
| Target: | NUP107 |
| Binding Specificity: | AA 405-433, Middle Region |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NUP107 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

Product Details

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|---------------|--|
| Immunogen: | KLH conjugated synthetic peptide between 405-433 amino acids from the Central region of human NUP107 |
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes Human and Mouse NUP107 (Center). |
| Purification: | Protein A column, followed by peptide affinity purification |

Target Details

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|-------------------|--|
| Target: | NUP107 |
| Alternative Name: | NUP107 (NUP107 Products) |

Target Details

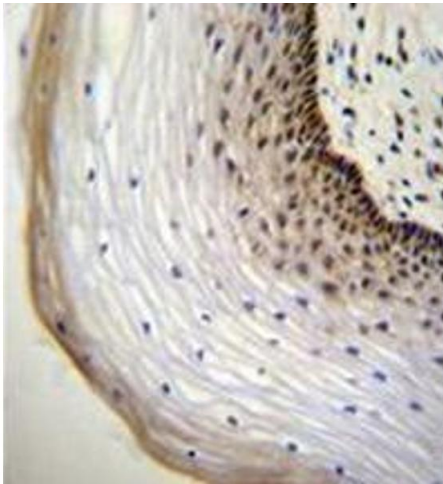
| | |
|-------------------|---|
| Background: | This gene encodes a member of the nucleoporin family. The protein is localized to the nuclear rim and is an essential component of the nuclear pore complex (NPC). All molecules entering or leaving the nucleus either diffuse through or are actively transported by the NPC. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.Synonyms: NUP84, Nuclear pore complex protein Nup107, Nucleoporin Nup107 |
| Molecular Weight: | 106374 Da |
| Gene ID: | 57122 |
| NCBI Accession: | NP_065134 |
| Pathways: | Protein targeting to Nucleus |

Application Details

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|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

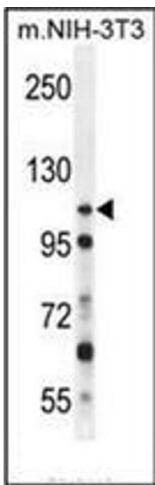
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | PBS containing 0.09 % (W/V) Sodium Azide as preservative |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. 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).