

Datasheet for ABIN2452065

anti-NUP98 antibody (FGxxN Motif, N-Term)

8 Images

2 Publications

[Go to Product page](#)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | NUP98 |
| Binding Specificity: | FGxxN Motif, N-Term |
| Reactivity: | Human, Saccharomyces cerevisiae, Schizosaccharomyces pombe, Tetrahymena |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This NUP98 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

| | |
|-----------------------------|---|
| Immunogen: | Synthetic peptides containing conserved N-terminal sequence, GLFG, of Nup98 protein of Tetrahymena thermophila. |
| Clone: | 13C2 |
| Isotype: | IgG1 kappa |
| Cross-Reactivity (Details): | Not tested in other species |
| Purification: | Purified |
| Sterility: | Sterile filtered |

Target Details

| | |
|---------|-------|
| Target: | NUP98 |
|---------|-------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | Nup98 (NUP98 Products) |
| Background: | <p>Nucleoporin 98 (Nup98) is a component of nuclear pore complex (NPC), which is a large protein assembly embedded in the nuclear envelope and highly conserved in eukaryotes. It is localized on both nuclear and cytoplasmic side of NPC. This protein contains glycine-leucine-phenylalanine-glycine (GLFG) amino acid repeats and plays a critical role in nuclear trafficking. Nup98 also plays a specific role in the RNA export. In addition, Nup98 plays roles in several important biological events such as gene expression, mitotic checkpoint, and pathogenesis. Nup98 gene is fused to a variety of partner genes in human myeloid and T-cell malignancies via chromosomal translocation. In ciliates, a unicellular organism having two functionally distinct nuclei, GLFG-Nup98 is present in one of the nuclei and a distinct Nup98 ortholog is present in the other nucleus, and these different Nup98s participate in a nucleus-selective transport mechanism.</p> |
| UniProt: | P52948 |
| Pathways: | Stem Cell Maintenance , Protein targeting to Nucleus , SARS-CoV-2 Protein Interactome |

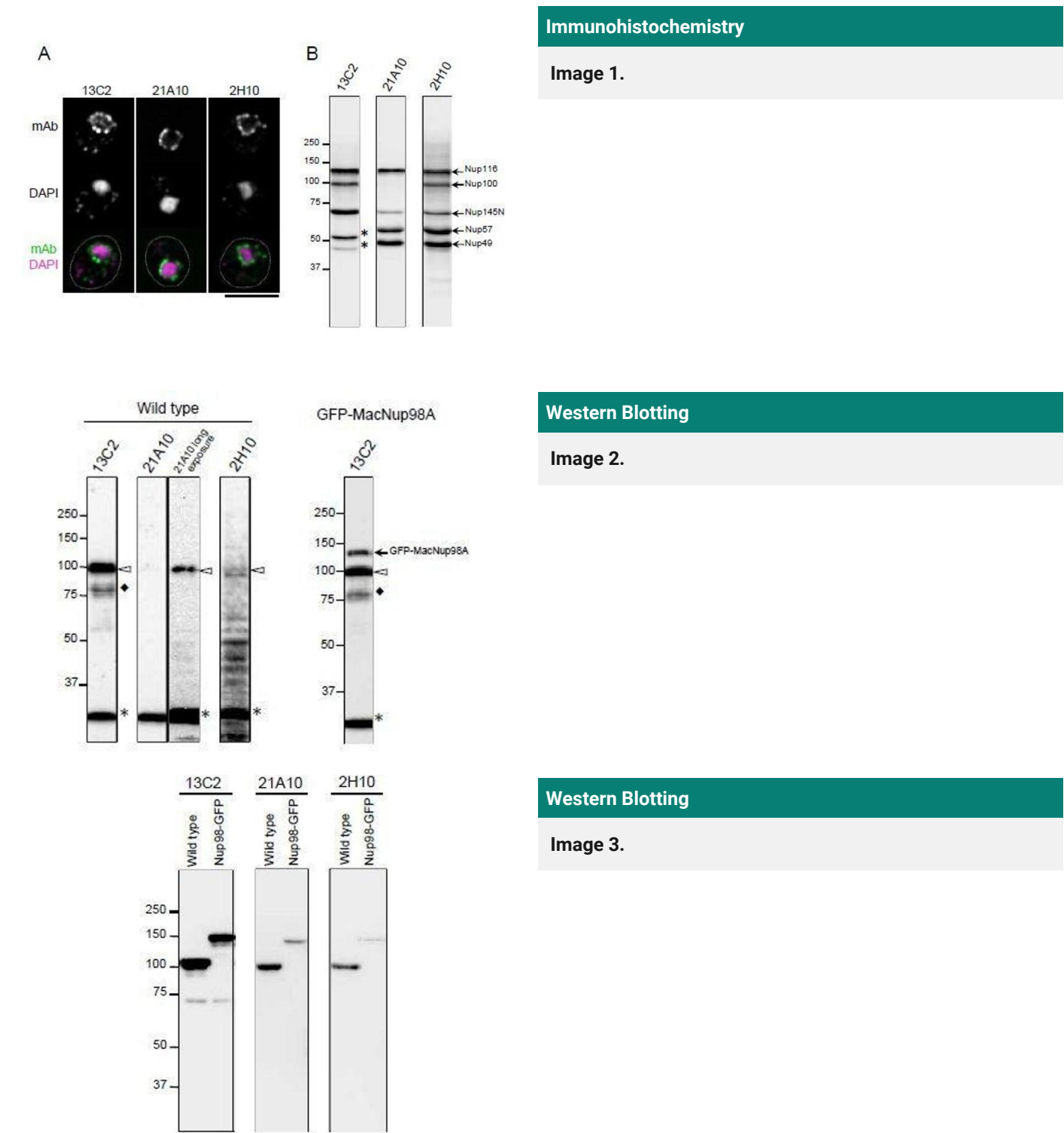
Application Details

| | |
|--------------------|---|
| Application Notes: | <p>1) Most suitable for Western blotting, (Human, <i>S. cerevisiae</i>, <i>S. pombe</i>, <i>Tetrahymena</i>.)</p> <p>2) Immunofluorescence staining / Immunocytochemistry for <i>S. cerevisiae</i>, <i>S. pombe</i> and <i>T. etrahymena</i>.</p> <p>Not suitable for IF in human</p> |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS, 50 % glycerol. Azide- and carrier protein-free. |
| Preservative: | Azide free |
| Storage: | -20 °C |
| Storage Comment: | Upon arrival centrifuge briefly and store at -20 C. |

Product cited in: Schaeffer, Hansen, Morris, LeBoeuf, Abrass: "RNA-binding protein IGF2BP2/IMP2 is required for laminin-?2 mRNA translation and is modulated by glucose concentration." in: **American journal of physiology. Renal physiology**, Vol. 303, Issue 1, pp. F75-82, (2012) ([PubMed](#)).



Images

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2452065.