NUP107 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253911
Unit: 0.1 mg

Description:
The nuclear pore complex (NPC) is a protein assembly localized at the nuclear rim and mediates macromolecular transport between the nucleus and the cytoplasm. The mammalian nucleoporin (NUP)-107 is part of the hetero-oligomeric complex that also contains NUP160, NUP133, NUP96, and mammalian homolog of yeast sec13p. While the majority of the NUP107-160 nuclear pore sub-complex localizes to the nuclear pore, a small fraction is observed at kinetochores and pro-metaphase spindle poles in mitotic cells in association with proteins such as Mad1, Mad2, Bub3 and Cdc20. Immunodepletion of the NUP107-160 complex resulted in defective spindle assembly indicating that it has multiple functions. NUP107 has recently been identified as an HIV dependency factor (HDF), suggesting that NUP107 may be an important drug target in HIV treatment. Multiple isoforms of NUP107 are known to exist.

Isotype: Rabbit Ig
Applications: E, WB, ICC
Species Reactivity: H, R
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: NUP107 ; Nucleoporin 107; nuclear pore complex protein 107
Accession No.: P57740

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human NUP107.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.