NUP214 Rabbit Polyclonal Antibody

CAB8357

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

251kDa

Calculated MW:

212kDa/213kDa/215kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. This gene is a member of the FG-repeat-containing nucleoporins. The protein encoded by this gene is localized to the cytoplasmic face of the nuclear pore complex where it is required for proper cell cycle progression and nucleocytoplasmic transport. The 3' portion of this gene forms a fusion gene with the DEK gene on chromosome 6 in a t(6, 9) translocation associated with acute myeloid leukemia and myelodysplastic syndrome. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Immunogen information

Gene ID:
8021

Uniprot
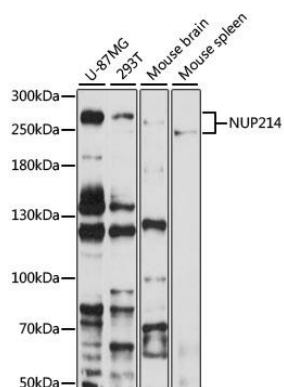P35658

Synonyms:
NUP214; CAIN; CAN

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 750-1030 of human NUP214 (NP_005076.3).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

Western blot analysis of extracts of various cell lines, using NUP214 antibody (CAB8357) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.
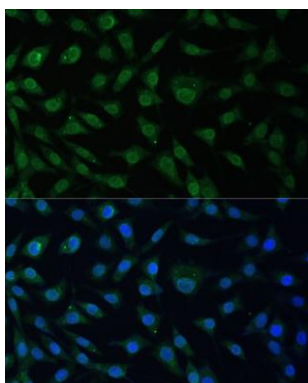
Immunofluorescence analysis of L929 cells using NUP214 Polyclonal Antibody (CAB8357) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.