

## NUP214

**Reactivity:** Human Mouse

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 214kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human NUP214

**Storage Buffer:**

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

**Synonym:**

CAN; CAIN; N214; p250; D9S46E;

**Catalog #:** A8357

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 8021

**Isotype:** IgG

**Swiss Prot:** P35658

**Purity:** Affinity purification

For research use only.

**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.

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