

NUP214 Polyclonal Antibody

Catalog No.	A8357	Category	Polyclonal Antibodies
Applications	WB	Observed MW	251kDa
Cross-reactivity	Human, Mouse	Calculated MW	212kDa/213kDa/215kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 750-1030 of human NUP214 (NP_005076.3).
Gene ID	8021
Swiss prot	P35658
Synonyms	NUP214; CAIN; CAN; nucleoporin 214

Product information

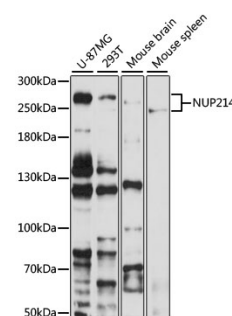
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - NUP214 Polyclonal Antibody (A8357)