

NU214 Rabbit pAb

CatalogNo: YN0994

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 229kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 230-310

Specificity NU214 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name NUP214 CAIN CAN KIAA0023

Protein Name	Nuclear pore complex protein Nup214 (214 kDa nucleoporin) (Nucleoporin Nup214) (Protein CAN)		
	Organism	Gene ID	UniProt ID
	Human	8021 ;	P35658 ;
	Mouse		Q80U93 ;
Cellular Localization	Nucleus, nuclear pore complex . Cytoplasmic side of the nuclear pore complex. .		
Tissue specificity	Expressed in thymus, spleen, bone marrow, kidney, brain and testis, but hardly in all other tissues or in whole embryos during development.		
Function	Disease:A chromosomal aberration involving NUP214 is found in a subset of acute myeloid leukemia (AML); also known as acute non-lymphocytic leukemia. Translocation t(6;9)(p23;q34) with DEK. It results in the formation of a DEK-CAN fusion gene.,Disease:A chromosomal aberration involving NUP214 is found in some cases of acute undifferentiated leukemia (AUL). Translocation t(6;9)(q21;q34.1) with SET.,Disease:Defects in NUP214 may be a cause of breast cancer.,Domain:Contains FG repeats.,Function:May serve as a docking site in the receptor-mediated import of substrates across the nuclear pore complex.,PTM:Probably glycosylated as it reacts with wheat germ agglutinin (WGA).,subcellular location:Cytoplasmic filaments.,subunit:Homodimer. Interacts with DDX19, NUP88, XPO1 and XPO5.,tissue specificity:Expressed in thymus, spleen, bone marrow, kidney, brain and testis, but hardly in all other tissues or in whole embryos during development.,		

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:

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