

## 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

<b>Protein Name</b>	Nuclear pore complex protein Nup214 (214 kDa nucleoporin) (Nucleoporin Nup214) (Protein CAN)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8021</a> ;	<a href="#">P35658</a> ;
	Mouse		<a href="#">Q80U93</a> ;
<b>Cellular Localization</b>	Nucleus, nuclear pore complex . Cytoplasmic side of the nuclear pore complex. .		
<b>Tissue specificity</b>	Expressed in thymus, spleen, bone marrow, kidney, brain and testis, but hardly in all other tissues or in whole embryos during development.		
<b>Function</b>	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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