

Rabbit anti-Human NUP214 Polyclonal Antibody | anti-NUP214 antibody

Anti-NUP214 Antibody

CATALOG # AAA125450	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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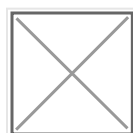
PRODUCT SYNONYMS

NUP214; Polyclonal Antibody; Anti-NUP214 Antibody; Nuclear pore complex protein Nup214; 214 kDa nucleoporin; Nucleoporin Nup214; Protein CAN; CAIN; CAN; KIAA0023; anti-NUP214 antibody

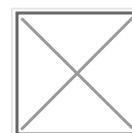
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	2090
Applicable Applications for anti-NUP214 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human NUP214 recombinant protein (Position: K36-E374).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-NUP214 antibody	Description: Rabbit IgG polyclonal antibody for NUP214 detection. Tested with WB, FCM, Direct ELISA in Human. Background: Nucleoporin 214 (Nup214) is a protein that in humans is encoded by the NUP214 gene. 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.
References	1. Kraemer D, Wozniak RW, Blobel G, Radu A (Feb 1994). "The human CAN protein, a putative oncogene product associated with myeloid leukemogenesis, is a nuclear pore complex protein that faces the cytoplasm". Proceedings of the National Academy of Sciences of the United States of America. 91 (4): 1519-23. 2. von Lindern M, Poustka A, Lerach H, Grosveld G (Aug 1990). "The (6;9) chromosome translocation, associated with a specific subtype of acute nonlymphocytic leukemia, leads to aberrant transcription of a target gene on 9q34". Molecular and Cellular Biology. 10 (8): 4016-26. 3. Napetschnig J, Blobel G, Hoelz A (2007). "Crystal structure of the N-terminal domain of the human protooncogene Nup214/CAN". Proc. Natl. Acad. Sci. U.S.A. 104 (6): 1783-8.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946327
NCBI GeneID	8021
NCBI Accession #	NP_005076.3
NCBI GenBank Nucleotide #	NP_005076.3
UniProt Accession #	P35658
NCBI Official Full Name	nuclear pore complex protein Nup214 isoform 2
NCBI Official Synonym Full Names	nucleoporin 214
NCBI Official Symbol	NUP214
NCBI Official Synonym Symbols	CAN; CAIN; IIAE9
NCBI Protein Information	nuclear pore complex protein Nup214
UniProt Protein Name	Nuclear pore complex protein Nup214
UniProt Gene Name	NUP214
UniProt Synonym Gene Names	CAIN; CAN; KIAA0023
UniProt Entry Name	NU214_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nup214-antibody-direct-elisa-flow-cytometry-western-blot-elisa/125450>