bs-19544R **[Primary Antibody]**

NUP214 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8021 **SWISS:** P35658

Target: NUP214

Immunogen: KLH conjugated synthetic peptide derived from human NUP214: 2-100/2080.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008]

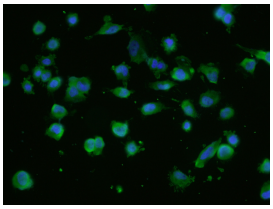
Applications: **ICC/IF** (1:100-500)

Reactivity: Human (predicted: Mouse, Chimpanzee)

Predicted MW.: 213 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Tissue/cell: U251 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (NUP214) Polyclonal Antibody, Unconjugated (bs-19544R) 1:200, 90 minutes at 37°C; followed by a conjugated secondary antibody (bs-0295G-FITC) at 37°C for 90 minutes, DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.