

Datasheet

NUP62 polyclonal antibody

Catalog Number: PAB6546

Regulatory Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of NUP62.

Immunogen: A synthetic peptide corresponding to human NUP62.

Sequence: C-RKEQERSFRITFD

Host: Goat

Theoretical MW (kDa): 53.3

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: All four variants represent identical protein.

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:8000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 23636

Gene Symbol: NUP62

Gene Alias: DKFZp547L134, FLJ20822, FLJ43869, IBSN, MGC841, SNDI, p62

Gene Summary: 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. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq]

References:

1. Human nucleoporin p62 and the essential yeast nuclear pore protein NSP1 show sequence homology and a similar domain organization. Carmo-Fonseca M, Kern H, Hurt EC. *Eur J Cell Biol.* 1991 Jun;55(1):17-30.