



Anti-NUP62 polyclonal antibody (DPAB-DC1127)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	All four variants represent identical protein.
Immunogen	A synthetic peptide corresponding to human NUP62. The sequence is C-RKEQERSFRITFD
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NUP62 nucleoporin 62kDa [Homo sapiens (human)]
Official Symbol	NUP62
Synonyms	NUP62; nucleoporin 62kDa; p62; IBSN; SNDI; nuclear pore glycoprotein p62; nucleoporin 62kD; nucleoporin Nup62; 62 kDa nucleoporin;
Entrez Gene ID	23636
Protein Refseq	NP_001180286
UniProt ID	A0A024QZF1
Chromosome Location	19q13.33
Pathway	Antiviral mechanism by IFN-stimulated genes; Cell Cycle, Mitotic; Disease; Gene Expression
Function	PTB domain binding; SH2 domain binding; chromatin binding; contributes_to nucleocytoplasmic transporter activity
