

NUP62 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2390a

Specification

NUP62 Antibody (C-Term) - Product Information

Application	E
Primary Accession	P37198
Other Accession	NP_036478.2 , NP_057637.2 , NP_714940.1 , NP_714941.1 , 23636
Predicted Host	Human, Dog
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	53255

NUP62 Antibody (C-Term) - Additional Information

Gene ID 23636

Other Names

Nuclear pore glycoprotein p62, 62 kDa nucleoporin, Nucleoporin Nup62, NUP62

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NUP62 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

NUP62 Antibody (C-Term) - Protein Information

Name NUP62

Function

Essential component of the nuclear pore complex (PubMed:[1915414](http://www.uniprot.org/citations/1915414)). The N-terminal is probably involved in nucleocytoplasmic transport (PubMed:[1915414](http://www.uniprot.org/citations/1915414)). The C-terminal

is involved in protein-protein interaction probably via coiled-coil formation, promotes its association with centrosomes and may function in anchorage of p62 to the pore complex (PubMed:1915414, PubMed:24107630). Plays a role in mitotic cell cycle progression by regulating centrosome segregation, centriole maturation and spindle orientation (PubMed:24107630). It might be involved in protein recruitment to the centrosome after nuclear breakdown (PubMed:24107630).

Cellular Location

Nucleus, nuclear pore complex. Cytoplasm, cytoskeleton, spindle pole. Nucleus envelope. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Central region of the nuclear pore, within the transporter (PubMed:1915414). During mitotic cell division, it associates with the poles of the mitotic spindle (PubMed:24107630)

NUP62 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NUP62 Antibody (C-Term) - Images

NUP62 Antibody (C-Term) - Background

All four variants represent identical protein.

NUP62 Antibody (C-Term) - References

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. PMID: 1915414