

**NUP50 Rabbit mAb**  
**Catalog # AP76629****Specification**

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**NUP50 Rabbit mAb - Product Information**

Application	WB, IF
Primary Accession	<a href="#">Q9UKX7</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	50144

**NUP50 Rabbit mAb - Additional Information****Gene ID** 10762**Other Names**  
NUP50**Dilution**  
WB~~1/500-1/1000  
IF~~1/50-1/200**Format**  
Liquid**NUP50 Rabbit mAb - Protein Information****Name** NUP50**Synonyms** NPAP60L**Function**

Component of the nuclear pore complex that has a direct role in nuclear protein import (PubMed:<a href="http://www.uniprot.org/citations/20016008" target="\_blank">20016008</a>). Actively displaces NLSs from importin-alpha, and facilitates disassembly of the importin-alpha:beta-cargo complex and importin recycling (PubMed:<a href="http://www.uniprot.org/citations/20016008" target="\_blank">20016008</a>). Interacts with regulatory proteins of cell cycle progression including CDKN1B (By similarity). This interaction is required for correct intracellular transport and degradation of CDKN1B (By similarity).

**Cellular Location**

Nucleus, nuclear pore complex. Nucleus membrane {ECO:0000250|UniProtKB:O08587}; Peripheral membrane protein {ECO:0000250|UniProtKB:O08587}; Nucleoplasmic side {ECO:0000250|UniProtKB:O08587}. Note=Localizes to the nucleoplasmic fibrils of the nuclear pore complex (By similarity). Dissociates from the NPC structure early during prophase of mitosis (PubMed:12802065) Associates with the newly formed nuclear membrane during telophase (PubMed:12802065). In the testis, the localization changes during germ cell differentiation from

the nuclear surface in spermatocytes to the whole nucleus (interior) in spermatids and back to the nuclear surface in spermatozoa (By similarity). {ECO:0000250|UniProtKB:O08587, ECO:0000269|PubMed:12802065}

**Tissue Location**

Ubiquitous. Highest levels in testis, peripheral blood leukocytes and fetal liver

**NUP50 Rabbit mAb - 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](#)

**NUP50 Rabbit mAb - Images**

