

# NUP50 rabbit monoclonal antibody

Catalog # H00010762-K      Size 100 ug x up to 3

## Specification

|                         |  |
|-------------------------|--|
| Product Description     | Rabbit monoclonal antibody raised against a human NUP50 peptide using ARM Technology.  |
| Immunogen               | A synthetic peptide of human NUP50 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.  |
| Host                    | Rabbit   |
| Library Construction    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).   |
| Expression              | Overexpression vector and transfection into 293H cell line.  |
| Reactivity              | Human  |
| Purification            | Protein A  |
| Isotype                 | IgG  |
| Quality Control Testing | Antibody reactive against human NUP50 peptide by ELISA and mammalian transfected lysate by Western Blot.   |
| Storage Buffer          | In 1x PBS, pH 7.4  |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| Deliverable             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.  |
| Note                    | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — NUP50

Entrez GeneID [10762](#)

GeneBank Accession# [NUP50](#)

Gene Name NUP50

Gene Alias MGC39961, NPAP60, NPAP60L

Gene Description nucleoporin 50kDa

Omim ID [604646](#)

Gene Ontology [Hyperlink](#)

**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 that functions as a soluble cofactor in importin-alpha:beta-mediated nuclear protein import. Pseudogenes of this gene are found on chromosomes 5, 6, and 14. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000028685|nuclear pore-associated protein 60L

## Disease

- [Tobacco Use Disorder](#)