

A9441

Leader in Biomolecular Solutions for Life Science



# NUP50 Rabbit pAb

Catalog No.: A9441

## Basic Information

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### Observed MW

50kDa

### Calculated MW

50kDa

### Category

Mouse Monoclonal Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

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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.

## Recommended Dilutions

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WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

## Immunogen Information

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### Gene ID

10762

### Swiss Prot

Q9UKX7

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 340-468 of human NUP50 (NP\_009103.2).

### Synonyms

NPAP60; NPAP60L; NUP50

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

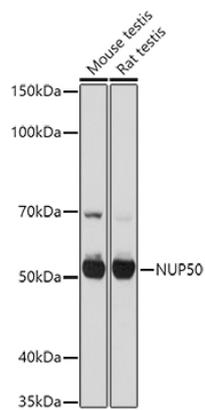
Affinity purification

### Storage

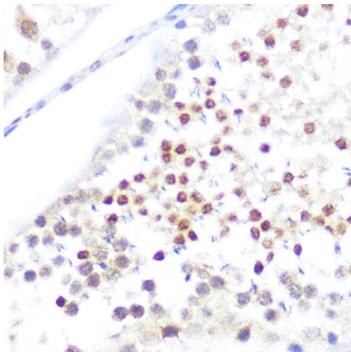
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using NUP50 Rabbit pAb (A9441) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunohistochemistry analysis of NUP50 in paraffin-embedded rat testis using NUP50 Rabbit pAb (A9441) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.