

## ARG63263 anti-Npap60 / Nup50 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Npap60 / Nup50
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_009103.2; NP_705931.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Npap60 / Nup50
Species	Human
Immunogen	C-ELHKILLEKKDA
Conjugation	Un-conjugated
Alternate Names	Nuclear pore complex protein Nup50; 50 kDa nucleoporin; NPAP60L; Nucleoporin Nup50; NPAP60; Nuclear pore-associated protein 60 kDa-like

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml
	WB	0.2 - 1 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

**Database links**

[GeneID: 10762 Human](#)

[Swiss-port # Q9UKX7 Human](#)

**Background**

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, Jul 2008]

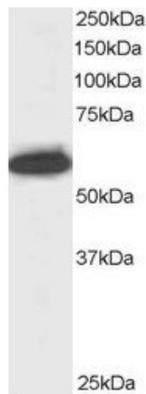
**Research Area**

Cell Biology and Cellular Response antibody; Cell Death antibody; Controls and Markers antibody; Gene Regulation antibody; Signaling Transduction antibody

**Calculated Mw**

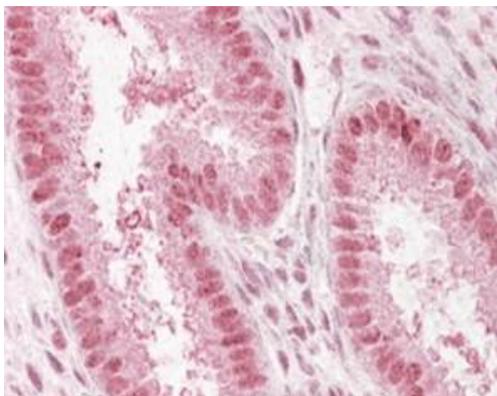
50 kDa

## Images



ARG63263 anti-Npap60 / Nup50 antibody WB image

Western Blot: Jurkat lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63263 anti-Npap60 / Nup50 antibody at 0.5 µg/ml dilution.



ARG63263 anti-Npap60 / Nup50 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Uterus. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63263 anti-Npap60 / Nup50 antibody at 3.8 µg/ml dilution followed by AP-staining.