

Rabbit anti-Human, Mouse NUP50 Polyclonal Antibody | anti-NUP50 antibody

Rabbit anti-NUP50 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211631	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

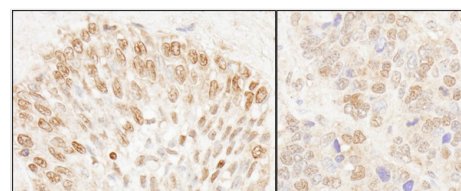
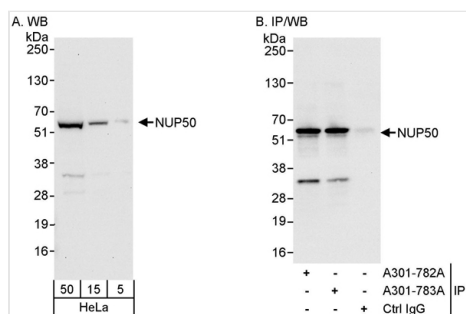
PRODUCT SYNONYMS

NUP50; Polyclonal Antibody; Rabbit anti-NUP50 Antibody; Affinity Purified; nucleoporin Nup50; 50 kDa nucleoporin; NPAP60; NPAP60L; nuclear pore complex protein Nup50; Nuclear pore-associated protein 60 kDa-like; nuclear pore-associated protein 60L; nucleoporin 50kD; nucleoporin 50kDa; Nuclear pore complex protein Nup50; nucleoporin 50; anti-NUP50 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NUP50 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 418 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human and mouse NUP50 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-NUP50 (Cat. No. AAA211631 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

WB (Western Blot)

Detection of human NUP50 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibody: Affinity purified rabbit anti-NUP50 antibody AAA211631 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. NUP50 was also immunoprecipitated by rabbit anti-NUP50 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

ADDITIONAL INFORMATION

Related Product Information for anti-NUP50 antibody	The nuclear pore complex (NPC) is a structure that spans the nuclear envelope and provides a conduit between the nucleus and cytoplasm for the nucleocytoplasmic transport of macromolecules. The main components of the NPC are nucleoporins. There are about 30 different human Nups that have been identified. Nup50 (also called Npap60) appears to not be a fixed structural component of the NPC. Nup50 has been shown to be a component of the importin complex, a protein carrier complex that imports cargo from the cytoplasm to the nucleus through the NPC. In this complex, Nup50 appears to have importance in the late stages of import and functions in complex disassembly and importin recycling.
Product Categories/Family for anti-NUP50 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497451
NCBI GeneID	10762
NCBI Accession #	NP_009103.2
NCBI GenBank Nucleotide #	NM_007172.3
UniProt Accession #	Q9UKX7; O75644; Q8N6V5; Q9NPM9; Q9NPR6; Q9P1K5; B1AHA4; B2RB15
Molecular Weight	50,144 Da
NCBI Official Full Name	nuclear pore complex protein Nup50 isoform b
NCBI Official Synonym Full Names	nucleoporin 50kDa
NCBI Official Symbol	NUP50
NCBI Official Synonym Symbols	NPAP60; NPAP60L
NCBI Protein Information	nuclear pore complex protein Nup50; nucleoporin 50kD; nucleoporin Nup50; 50 kDa nucleoporin; nuclear pore-associated protein 60L
UniProt Protein Name	Nuclear pore complex protein Nup50
UniProt Gene Name	NUP50
UniProt Synonym Gene Names	NPAP60L
UniProt Entry Name	NUP50_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nup50-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211631>