

Rabbit NUP50 Polyclonal Antibody | anti-NUP50 antibody

NUP50 Antibody (C-term)

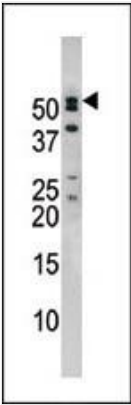
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288497	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

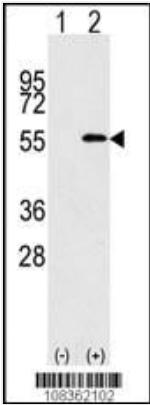
NUP50; Polyclonal Antibody; NUP50 Antibody (C-term); Nuclear pore complex protein Nup50; 50 kDa nucleoporin; Nuclear pore-associated protein 60 kDa-like; Nucleoporin Nup50; NPAP60L; anti-NUP50 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NUP50 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 432-461 amino acids from the C-terminal region of human NUP50.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	432-461
Sequence Length	440
Applicable Applications for anti-NUP50 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of anti-NUP50 Pab in mouse brain tissue lysate. NUP50(arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of NUP50 (arrow) using rabbit polyclonal NUP50 Antibody (C-term) (RB08362). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NUP50 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-NUP50 antibody	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. NUP50 is a member of the FG-repeat containing nucleoporins that functions as a soluble cofactor in importin-alpha:beta-mediated nuclear protein import. NUP50 may serve as a binding site on the nuclear side of the pore complex for export receptor-cargo complexes. It interacts with multiple transport receptor proteins including p27Kip1. This interaction is required for correct intracellular transport and degradation of p27Kip1.
Product Categories/Family for anti-NUP50 antibody	Cell Biology; Signal transduction
References	Lindsay, M.E., et al., Cell 110(3):349-360 (2002). Swaminathan, S., et al., Dev. Cell 3(3):304-306 (2002). Smitherman, M., et al., Mol. Cell. Biol. 20(15):5631-5642 (2000). Guan, T., et al., Mol. Cell. Biol. 20(15):5619-5630 (2000). Collins, J.E., et al., Genome Biol. 5 (10), R84 (2004) (): ().

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497451
NCBI GeneID	10762
NCBI Accession #	NP_009103.2; NP_705931.1
NCBI GenBank Nucleotide #	NM_007172.3
UniProt Accession #	Q9UKX7; O75644; Q8N6V5; Q9NPM9; Q9NPR6; Q9P1K5; B1AHA4; B2RB15
Molecular Weight	50144
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
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-western-blot-elisa/288497>