

Rabbit anti-Human, Mouse NUP85 Polyclonal Antibody | anti-NUP85 antibody

Rabbit anti-NUP85 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212422	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

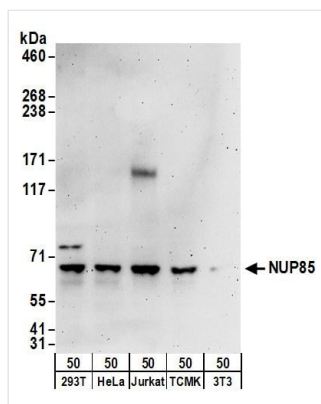
PRODUCT SYNONYMS

NUP85; Polyclonal Antibody; Rabbit anti-NUP85 Antibody; Affinity Purified; nucleoporin Nup85; 85 kDa nucleoporin; Pericentrin-1; Nup75; nucleoporin 85kDa; nuclear pore complex protein Nup85; FROUNT; nucleoporin Nup75; Nuclear pore complex protein Nup85; nucleoporin 85; anti-NUP85 antibody

PRODUCT SPECIFICATIONS

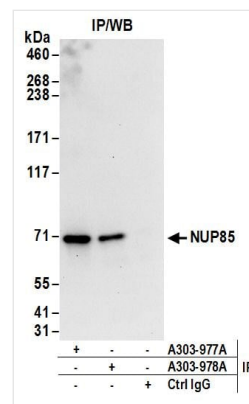
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NUP85 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 606 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse NUP85 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-NUP85 antibody AAA212422 (lot AAA212422-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human NUP85 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-NUP85 antibody AAA212422 (lot AAA212422-1) used for IP at 6 ug/mg lysate. NUP85 was also immunoprecipitated by rabbit anti-NUP85 antibody For blotting immunoprecipitated NUP85, AAA212422 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NUP85 antibody	Nucleoporin 85 (NUP85) is an essential component of the nuclear pore complex (NPC) that seems to be required for NPC assembly and maintenance. As part of the NPC Nup107-160 subcomplex, it plays a role in RNA export and in tethering NUP98/Nup98 and NUP153 to the nucleus. The Nup107-160 complex seems to be required for spindle assembly during mitosis. NUP85 is required for membrane clustering of CCL2-activated CCR2 and seems to be involved in CCR2-mediated chemotaxis of monocytes and may link activated CCR2 to the phosphatidyl-inositol 3-kinase-Rac-lammellipodium protrusion cascade [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9BW27].
Product Categories/Family for anti-NUP85 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376259
NCBI GeneID	79902
NCBI Accession #	NP_079120.1
NCBI GenBank Nucleotide #	NM_024844.3
UniProt Accession #	Q9BW27; Q8NDI4; Q9H9U1
Molecular Weight	75,019 Da
NCBI Official Full Name	nuclear pore complex protein Nup85
NCBI Official Synonym Full Names	nucleoporin 85kDa
NCBI Official Symbol	NUP85
NCBI Official Synonym Symbols	Nup75
NCBI Protein Information	nuclear pore complex protein Nup85; frount; pericentrin-1; nucleoporin Nup75; nucleoporin Nup85; 85 kDa nucleoporin
UniProt Protein Name	Nuclear pore complex protein Nup85
UniProt Gene Name	NUP85
UniProt Synonym Gene Names	NUP75; PCNT1
UniProt Entry Name	NUP85_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/nup85-antibody-immunoprecipitation-western-blot-elisa/212422>