

DATASHEET

NUP85 Rabbit Polyclonal Antibody

CAT. NO. APA14021

KEY FEATURES

Target	NUP85	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Essential component of the nuclear pore complex (NPC) that seems to be required for NPC assembly and maintenance that seems to be required for NPC assembly and maintenance . As part of the NPC Nup107-160 subcomplex plays a role in RNA export and in tethering NUP96/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 . Seems to be involved in CCR2-mediated chemotaxis of monocytes and may link activated CCR2 to the phosphatidylinositol 3-kinase-Rac-lammellipodium protrusion cascade . Involved in nephrogenesis .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

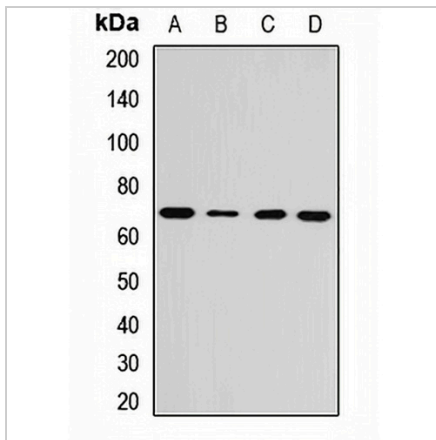
Description	Rabbit polyclonal antibody to NUP85
Specificity	Recognizes endogenous levels of NUP85 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NUP85
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 52; Observed: 70 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NUP75; PCNT1; Nuclear pore complex protein Nup85; 85 kDa nucleoporin; FROUNT; Nucleoporin Nup75; Nucleoporin Nup85; Pericentrin-1
Gene Symbol	NUP85
Entrez Gene	79902(Human); 445007(Mouse); 287830(Rat)
SwissProt	Q9BW27(Human); Q8R480(Mouse); Q4QQS8(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NUP85 expression in A549 (A), HeLa (B), mouse brain (C), rat testis (D) whole cell lysates. (Predicted band size: 52; 69; 75 kD; Observed band size: 70 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.