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NUP93 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22019b

Product Information

Application	WB, E
Primary Accession	Q8N1F7
Other Accession	Q5R822
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54978
Calculated MW	93488

Additional Information

Gene ID	9688
Other Names	Nuclear pore complex protein Nup93, 93 kDa nucleoporin, Nucleoporin Nup93, NUP93, KIAA0095
Target/Specificity	This NUP93 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 752-782 amino acids from human NUP93.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NUP93 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NUP93
Synonyms	KIAA0095
Function	Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance (PubMed:9348540). May anchor nucleoporins, but not NUP153

and TPR, to the NPC. During renal development, regulates podocyte migration and proliferation through SMAD4 signaling (PubMed:26878725).

Cellular Location

Nucleus membrane {ECO:0000250|UniProtKB:Q66HC5}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q66HC5}. Nucleus, nuclear pore complex. Nucleus envelope Note=Localizes at the nuclear basket and at or near the nuclear entry to the gated channel of the pore.

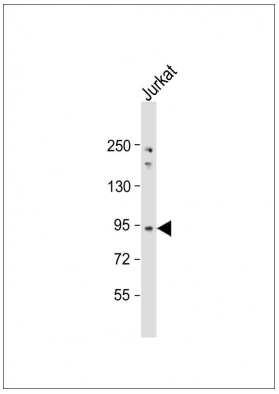
Background

Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance. May anchor nucleoporins, but not NUP153 and TPR, to the NPC.

References

Nagase T.,et al.DNA Res. 2:37-43(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Martin J.,et al.Nature 432:988-994(2004).
Grandi P.,et al.Mol. Biol. Cell 8:2017-2038(1997).
Hase M.E.,et al.Mol. Biol. Cell 14:1923-1940(2003).

Images



Anti-NUP93 Antibody (C-Term) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 93 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.