

NUP53 Rabbit pAb

Catalog # AP99640

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8NFH5
Other Accession	Q8NFH5
Predicted	Rat, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34774
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NUP53
Epitope Specificity	241-326/326
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Nup53 family. Contains 1 RRM Nup35-type domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the nucleoporin family. The encoded protein contains two membrane binding regions, is localized to the nuclear rim, and is part of the nuclear pore complex. All molecules entering or leaving the nucleus either diffuse through or are actively transported by the nuclear pore complex. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 7 and 10. [provided by RefSeq, Dec 2013]

Additional Information

Gene ID	129401
Other Names	MP-44; MP44; NP44; NUP53; 2310006I24Rik; 35kDa; 5330402E05Rik; NO44; fj68d11; wu:fj68d11; zgc:65979; NUP35_HUMAN; NUP35; 35 kDa nucleoporin; Mitotic phosphoprotein 44 (MP-44); Nuclear pore complex protein Nup53; Nucleoporin NUP53; NUP35_MOUSE; NUP35_RAT; NUP35_DANRE; nucleoporin 35; nucleoporin 35kDa; mitotic phosphoprotein 44
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NUP35
Synonyms	MP44, NUP53
Function	Functions as a component of the nuclear pore complex (NPC). NPC components, collectively referred to as nucleoporins (NUPs), can play the role of both NPC structural components and of docking or interaction partners for transiently associated nuclear transport factors. May play a role in the association of MAD1 with the NPC.
Cellular Location	Nucleus, nuclear pore complex. Nucleus membrane; Peripheral membrane protein. Note=Tightly associated with the nuclear membrane and lamina.

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