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NIP7 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8691b

Product Information

Application	FC, WB, E
Primary Accession	Q9Y221
Other Accession	Q56P27, Q9CXK8
Reactivity	Human
Predicted	Mouse, Pig, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22644
Calculated MW	20463
Antigen Region	150-177

Additional Information

Gene ID	51388
Other Names	60S ribosome subunit biogenesis protein NIP7 homolog, KD93, NIP7
Target/Specificity	This NIP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-177 amino acids from the C-terminal region of human NIP7.
Dilution	FC~~1:10~50 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	NIP7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NIP7
Function	Required for proper 34S pre-rRNA processing and 60S ribosome subunit assembly.

Cellular Location	Nucleus, nucleolus
Tissue Location	Expressed in hematopoietic stem/progenitor cells.

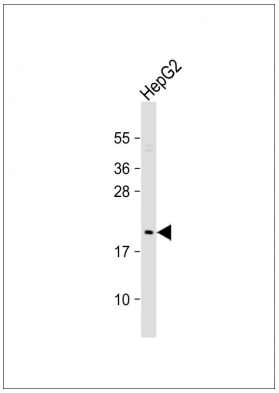
Background

Required for proper 27S pre-rRNA processing and 60S ribosome subunit assembly.

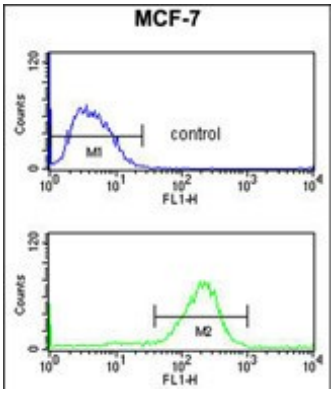
References

Liu,J.F., et.al., J. Struct. Biol. 148 (3), 370-374 (2004)
Chagnon,P., et.al., Am. J. Hum. Genet. 71 (6), 1443-1449 (2002)

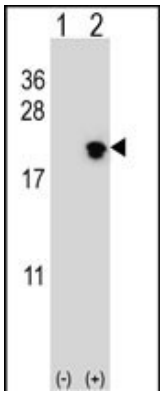
Images



Anti-NIP7 Antibody (C-term) at 1:1000 dilution + HepG2 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 : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



NIP7 Antibody (C-term) (Cat. #AP8691b) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western blot analysis of NIP7 (arrow) using rabbit polyclonal NIP7 Antibody (C-term) (Cat. #AP8691b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NIP7 gene.

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