

Rabbit NIP7 Polyclonal Antibody | anti-NIP7 antibody

NIP7 Antibody (C-term)

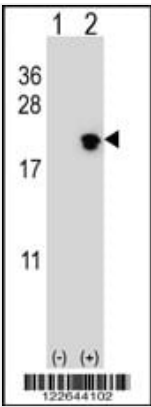
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284961	Rabbit	Human (Predicted Reactivity: Mouse, Pig)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

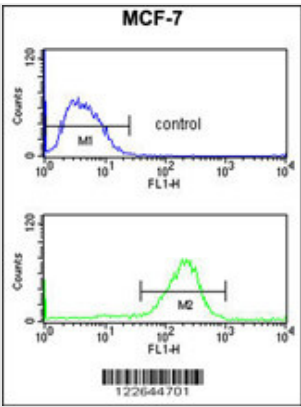
NIP7; Polyclonal Antibody; NIP7 Antibody (C-term); 60S ribosome subunit biogenesis protein NIP7 homolog; KD93; anti-NIP7 antibody

PRODUCT SPECIFICATIONS

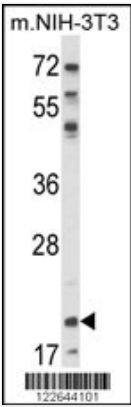
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NIP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-177 amino acids from the C-terminal region of human NIP7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	150-177
Sequence Length	133
Applicable Applications for anti-NIP7 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



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



FCM/FACS (Flow Cytometry)
NIP7 Antibody (C-term) 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.



WB (Western Blot)
Western blot analysis of NIP7 Antibody (C-term) in NIH-3T3 cell line lysates (35ug/lane). NIP7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NIP7 antibody	Required for proper 27S pre-rRNA processing and 60S ribosome subunit assembly.
Product Categories/Family for anti-NIP7 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	313661502
NCBI GeneID	51388
NCBI Accession #	NP_001186363.1 ; NP_057185.1
NCBI GenBank Nucleotide #	NM_001199434.1
UniProt Accession #	Q9Y221 ; Q9NZZ0 ; B2RD04
Molecular Weight	20463
NCBI Official Full Name	60S ribosome subunit biogenesis protein NIP7 homolog isoform 2

NCBI Official Synonym Full Names	NIP7, nucleolar pre-rRNA processing protein
NCBI Official Symbol	NIP7
NCBI Official Synonym Symbols	KD93; CGI-37; HSPC031
NCBI Protein Information	60S ribosome subunit biogenesis protein NIP7 homolog
UniProt Protein Name	60S ribosome subunit biogenesis protein NIP7 homolog
UniProt Gene Name	NIP7
UniProt Entry Name	NIP7_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://www.aaabiotech.com/polyclonal/nip7-antibody-flow-cytometry-western-blot-elisa/284961>