10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NIP7 Antibody

Catalog # AP59950

Product Information

Application	WB, IF/IC
Primary Accession	Q9Y221
Reactivity	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20463

Additional Information

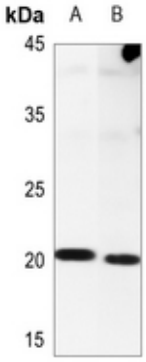
Gene ID	51388
Other Names	60S ribosome subunit biogenesis protein NIP7 homolog; KD93
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NIP7. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

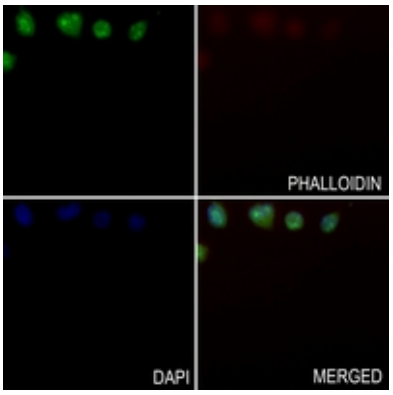
Protein Information

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.

Images

Western blot analysis of NIP7 expression in A549 (A), DLD (B) whole cell lysates. (Predicted band size: 20 kD; Observed band size: 20 kD)





Immunofluorescent analysis of NIP7 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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