

Anti-NUP160 Antibody

Catalog # AP51403

Product Information

Application	WB, IF/IC
Primary Accession	Q12769
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	162121

Additional Information

Gene ID	23279
Other Names	KIAA0197; NUP120; Nuclear pore complex protein Nup160; 160 kDa nucleoporin; Nucleoporin Nup160
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NUP160. 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

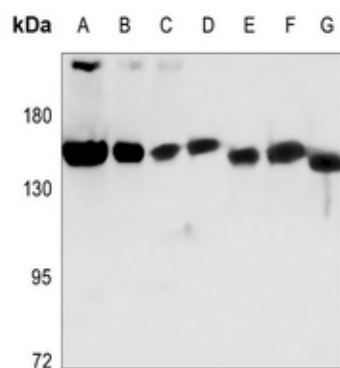
Protein Information

Name	NUP160
Synonyms	KIAA0197, NUP120
Function	Functions as a component of the nuclear pore complex (NPC) (PubMed: 11564755 , PubMed: 11684705). Involved in poly(A)+ RNA transport.
Cellular Location	Nucleus, nuclear pore complex

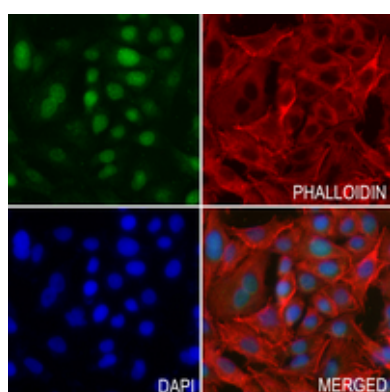
References

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Taylor T.D.,et al.Nature 440:497-500(2006).
Nagase T.,et al.DNA Res. 3:17-24(1996).
Belgareh N.,et al.J. Cell Biol. 154:1147-1160(2001).

Images



Western blot analysis of NUP160 expression in HEK293T (A), U2OS (B), K562 (C), mouse lung (D), mouse liver (E), rat lung (F), rat liver (G) whole cell lysates. (Predicted band size: 162 kD; Observed band size: 160 kD)



Immunofluorescent analysis of NUP160 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 humidified 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).

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