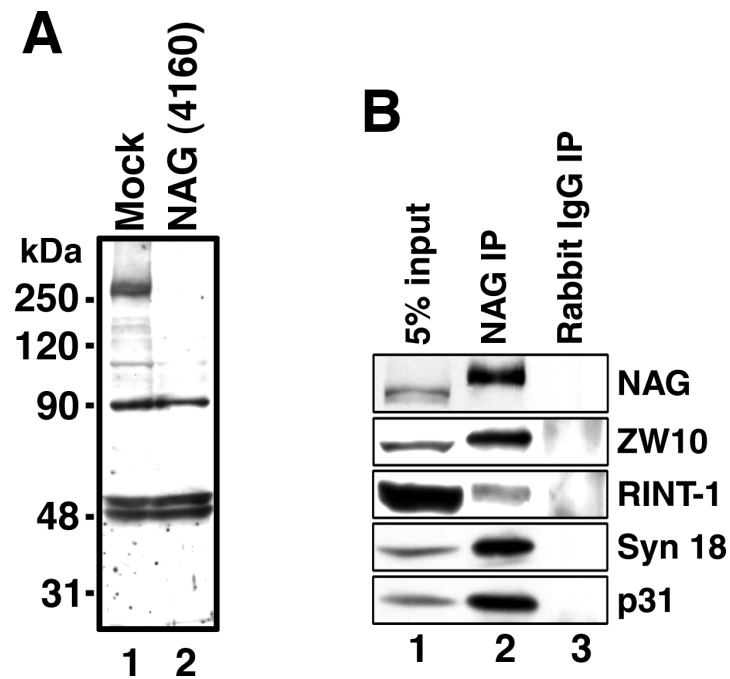


Table S1. Identification of putative p31-binding proteins

Size (kDa)	Proteins
~250	neuroblastoma-amplified protein, chromosome 14 ORF 170, RNA polymerase II polypeptide A, ubiquitin specific protease 9
110-130	hnRNP U, Sec24C*, rho/rac GEF 2
90-100	ZW10, Hsp90, RINT-1, E1B-55kDa-associated protein 5, ERdj5 PRP39 pre-mRNA processing factor 39 homolog
~80	NSF, Sec23A*, DEAD box polypeptide 4
~70	DEAD/H box polypeptide 3, DEAD box polypeptide 5, Hsp70, fusion (involved in t(12;16) in malignant liposarcoma), Sly1, influenza virus NS1A binding protein, hnRNP R, RNA binding motif protein 14, polyA binding protein cytoplasmic 1
50~70	CGI-09 protein, myo-inositol 1-phosphate synthase A1, hnRNP K, coactivator-associated Arg methyltransferase 1, P60 lymphocyte protein
35~45	hnRNP D, interleukin enhancer binding factor 2, hnRNP F, 40S ribosomal protein SA, alpha 2 actin, TRK-fused gene, TIA1 cytotoxic granule-associated RNA-binding protein like 1, HMT1 hnRNP methyltransferase-like 2, hnRNP A2/B1, hnRNP H3, hnRNP D-like, hnRNP A3, hnRNP AB, hnRNP A1, hnRNP A0, AIF-homologous mitochondrion-associated inducer of death
25~35	p31, ribosomal protein S3, hypothetical protein FLJ40452

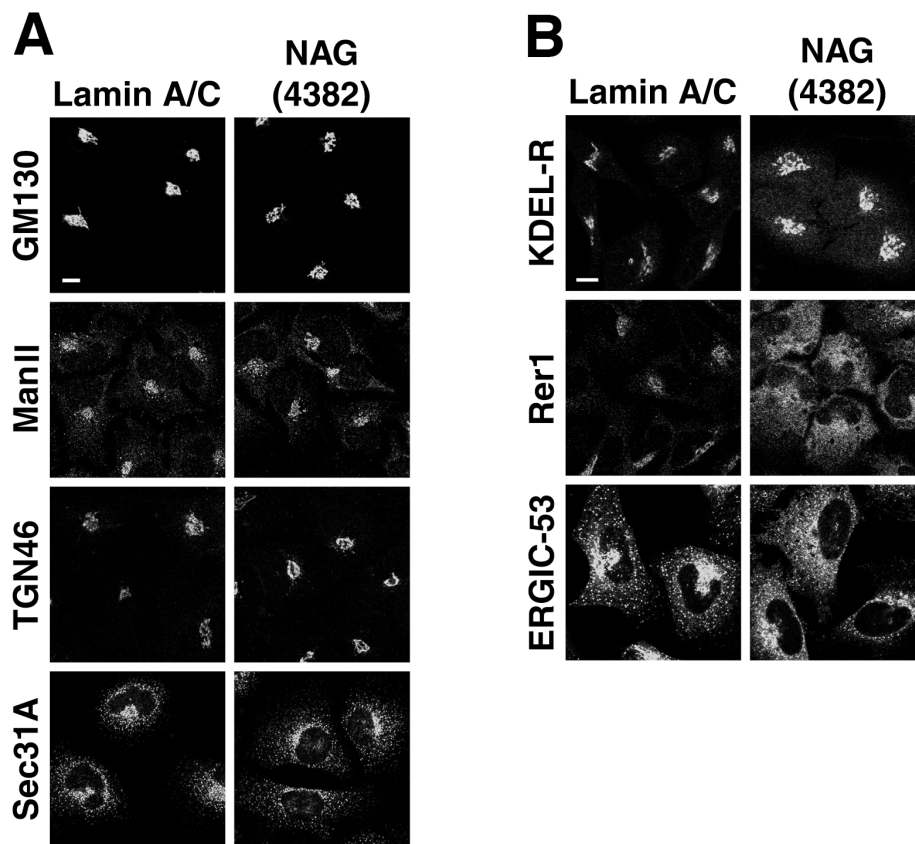
*No binding was observed when these proteins were co-expressed with p31.

Figure S1



Supplemental Figure 1. Identification and immunoprecipitation of the NAG protein. (A) Lysates (10 μ g each) of mock-treated or NAG (4160)-transfected HeLa cells were subjected to SDS-PAGE and immunoblotted with an anti-NAG rabbit polyclonal antibody. (B) Triton X-100 extracts of 293T cells were immunoprecipitated with an antibody against NAG. The precipitated proteins were separated by SDS-PAGE and analyzed by immunoblotting with the indicated antibodies.

Figure S2



Supplemental Figure 2. NAG (4382) causes the same effect on the localization of organelle markers as does NAG (4160). HeLa cells were transfected with lamin A/C siRNA or NAG (4382). At 72 h after transfection, the cells were fixed and immunostained with the indicated antibodies. (A) Bars, 10 μ m.