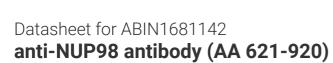
antibodies -online.com







Images



Go to Product page

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Quantity:	100 μg		
Target:	NUP98		
Binding Specificity:	AA 621-920		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This NUP98 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunofluorescence (IF)		
Product Details			
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 621-920 of human NUP98 (NP_624357.1).		
Immunogen:	human NUP98 (NP_624357.1). SKPVDENHQQ DGDEDSLVSH FYTNPIAKPI PQTPESAGNK HSNSNSVDDT IVALNMRAAL RNGLEGSSEE TSFHDESLQD DREEIENNSY HMHPAGIILT KVGYYTIPSM DDLAKITNEK GECIVSDFTI GRKGYGSIYF EGDVNLTNLN LDDIVHIRRK EVVVYLDDNQ KPPVGEGLNR KAEVTLDGVW PTDKTSRCLI KSPDRLADIN YEGRLEAVSR KQGAQFKEYR PETGSWVFKV		
Immunogen: Sequence:	human NUP98 (NP_624357.1). SKPVDENHQQ DGDEDSLVSH FYTNPIAKPI PQTPESAGNK HSNSNSVDDT IVALNMRAAL RNGLEGSSEE TSFHDESLQD DREEIENNSY HMHPAGIILT KVGYYTIPSM DDLAKITNEK GECIVSDFTI GRKGYGSIYF EGDVNLTNLN LDDIVHIRRK EVVVYLDDNQ KPPVGEGLNR KAEVTLDGVW PTDKTSRCLI KSPDRLADIN YEGRLEAVSR KQGAQFKEYR PETGSWVFKV SHFSKYGLQD SDEEEEEHPS KTSTKKLKTA PLPPASQTTP LQMALNGKPA PPPQVEKKGQ		

Target Details

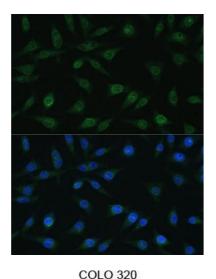
Target:	NUP98		
Alternative Name:	NUP98 (NUP98 Products)		
Background:	Nuclear pore complexes (NPCs) regulate the transport of macromolecules between the nucleus		
	and cytoplasm, and are composed of many polypeptide subunits, many of which belong to the		
	nucleoporin family. This gene belongs to the nucleoporin gene family and encodes a 186 kDa		
	precursor protein that undergoes autoproteolytic cleavage to generate a 98 kDa nucleoporin		
	and 96 kDa nucleoporin. The 98 kDa nucleoporin contains a Gly-Leu-Phe-Gly (GLGF) repeat		
	domain and participates in many cellular processes, including nuclear import, nuclear export,		
	mitotic progression, and regulation of gene expression. The 96 kDa nucleoporin is a scaffold		
	component of the NPC. Proteolytic cleavage is important for targeting of the proteins to the		
	NPC. Translocations between this gene and many other partner genes have been observed in		
	different leukemias. Rearrangements typically result in chimeras with the N-terminal GLGF		
	domain of this gene to the C-terminus of the partner gene. Alternative splicing results in		
	multiple transcript variants encoding different isoforms, at least two of which are proteolytically		
	processed. Some variants lack the region that encodes the 96 kDa		
	nucleoporin.,NUP98,ADIR2,NUP196,NUP96,Epigenetics & Nuclear Signaling,Nuclear Receptor		
	Signaling,Signal Transduction,NUP98		
Molecular Weight:	96 kDa/97 kDa/186 kDa/187 kDa/195 kDa/197 kDa		
Gene ID:	4928		
UniProt:	P52948		
Pathways:	Stem Cell Maintenance, Protein targeting to Nucleus, SARS-CoV-2 Protein Interactome		
Application Details			
Application Notes:	WB,1:1000 - 1:2000,IF,1:50 - 1:200		
Restrictions:	For Research Use only		
Handling			
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		

Handling

Storage:	-20 °C

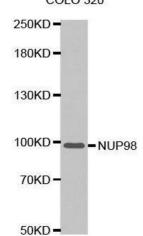
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



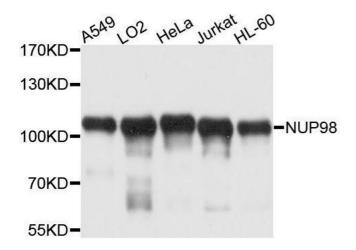
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using NUP98 antibody (ABIN1681142, ABIN3015191, ABIN3015192, ABIN5663696 and ABIN6213876) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of COLO 320 cells tissue, using NUP98 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using NUP98 antibody.