

12247

Nucleolin Antibody



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 100	Source/Isotype: Rabbit	UniProt ID: #P19338	Entrez-Gene Id: 4691
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		5), 150 mM NaCl, 100 μg,	/ml BSA and 50% g	lycerol. Store at –
Specificity/Sensitivity		Nucleolin Antibody recognizes endogenous levels of total nucleolin protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human nucleolin protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		plays an essential role pre-rRNA, pre-ribosor While the main functi- nuclear activities. Dov genome duplication, a addition, nucleolin ha homologous recombi- reverse transcriptase, possesses histone cha SWItch/Sucrose Non F	e in various steps o mal RNA assembly, on of nucleolin is ri vn regulation of nu and a delay at pron is been found in a c nation (7). Nucleoli hTERT, and is thou aperone activity an Fermentable (SWI/S H2B dimers from n	at is one of the major confribosome biogenesis in and transport of ribosome bosome biogenesis, it pleads to increase one taphase during mitosistomplex with Rad51 and in binds to the catalytic sught to be involved in teled is able to enhance the sufficiency and ATP-dependent ucleosomes, and facilitating in the sufficiency and facilitating to the sufficiency and facilitating for the sufficiency and ATP-dependent ucleosomes, and facilitating for the sufficiency and facilitating for the sufficiency and sufficiency and sufficiency and facilitating for the sufficiency and s	cluding rRNA synth nal proteins out of ays an important ro d expression of p53 s leading to cell cyc may participate in ubunit of the huma omere maintenance chromatin remodel chromatin-assemb	nesis, processing of the nucleus (1-3). tole in various other defects in the arrest (4-6). In DNA repair by the telomerase tole (8). Nucleolin also ling efficiency of
Background References		 Tajrishi, M.M. et al. (2011) Commun Integr Biol 4, 267-75. Ginisty, H. et al. (1999) J Cell Sci 112 (Pt 6), 761-72. Srivastava, M. and Pollard, H.B. (1999) FASEB J 13, 1911-22. Takagi, M. et al. (2005) Cell 123, 49-63. Ugrinova, I. et al. (2007) BMC Mol Biol 8, 66. Ma, N. et al. (2007) J Cell Sci 120, 2091-105. De, A. et al. (2006) Biochem Biophys Res Commun 344, 206-13. Khurts, S. et al. (2004) J Biol Chem 279, 51508-15. Angelov, D. et al. (2006) EMBO J 25, 1669-79. 				
Species Reactivi	ty	Species reactivity is de	etermined by testir	ng in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/y ponfat				

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

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