e at -20C	hnRNP K (D9A8) Rabbit mAb		Cell Signaling		
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	y, Not for 03c in Diagnostic i roccut	1103.

Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 58-62	Source/Isotype: Rabbit IgG	UniProt ID: #P61978	Entrez-Gene Id: 3190		
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		hnRNP K (D9A8) Rabbit mAb recognizes endogenous levels of total hnRNP K protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human hnRNP K protein.						
Background	cor to (DN (6) hnl pot res inte	mplexes (hnRNP pro cytoplasm (1-3). hnR IA and RNA sequenc , transcriptional regul RNP K expression is tential prognostic fact sponse to DNA dama	teins) that facilita NP K contains th es (4,5). Intricate lation (7), and sig increased in ora tor (8,9). hnRNP ge. Proteasome RNP K and c-Src	n K (hnRNP K) belongs te pre-mRNA processin ree unique structural me e architecture enables hi gnal transduction. Resea I squamous cell carcino K coordinates with p53 degradation of hnRNP H leads to hnRNP K phos (11).	g and transport of mR btifs termed KH domai mRNP K to facilitate mil arch studies have show ma and pancreatic car to regulate its target g K is mediated by E3 lig	NA from the nucleus ns that bind poly(C) RNA biosynthesis wn that cytoplasmic ncer, and may be a ene transcription in lase MDM2 (10). The		
Background References		 Dreyfuss, G. et al. (1993) Annu Rev Biochem 62, 289-321. Siomi, H. et al. (1994) Cell 77, 33-9. Miau, L.H. et al. (1998) J Biol Chem 273, 10784-91. Tomonaga, T. and Levens, D. (1995) J Biol Chem 270, 4875-81. Choi, H.S. et al. (2009) Biochem Biophys Res Commun 380, 431-6. Bustelo, X.R. et al. (1995) Mol Cell Biol 15, 1324-32. Michelotti, E.F. et al. (1996) Mol Cell Biol 16, 2350-60. Zhou, R. et al. (2010) Int J Cancer 126, 395-404. Matta, A. et al. (2009) Int J Cancer 125, 1398-406. Moumen, A. et al. (2005) Cell 123, 1065-78. Ostareck-Lederer, A. et al. (2002) Mol Cell Biol 22, 4535-43. 						
Species Reactivity	y Spe	cies reactivity is dete	ermined by testin	g in at least one approve	ed application (e.g., w	estern blot).		
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key	WE	3: Western Blotting IF	P: Immunoprecip	itation				
Cross-Reactivity Key		 H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected 						
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hnRNP K (D9A8) Rabbit mAb (#9081) Datasheet Without Images Cell Signaling Technology

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