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e at -20C	Skp2 (L70) Antibody	T C	Cell Signaling		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
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#		3 Trask Lane Danvers	Massachusetts 01923 USA		

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

Applications: WB, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 48	Source: Rabbit	UniProt ID: #Q13309	Entrez-Gene Id: 6502	
Product Usage Information	Wes	Dlication stern Blotting nunofluorescence (I	mmunocytochemis	iry)		Dilution 1:1000 1:200	
Storage		blied in 10 mM sodiu C. Do not aliquot the), 150 mM NaCl, 10	0 μg/ml BSA and 50% (glycerol. Store at –	
Specificity / Sensitiv		Skp2 (L70) Antibody detects endogenous levels of Skp2 protein (α , β , and γ isoforms). The antibody does not cross-react with other Skp proteins.					
Source / Purification	resid	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Leu70 of human Skp2 protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background	name (SCF interc prote motif Skp2 G2 tc the F is low Inact (4). C prolif asso	ed after cyclin F (1, F) ubiquitin ligase co changeable F-box p eins and recruiting th f mediates binding t 2 (S phase kinase-a b M phase transition FoxO1 transcription w in G0 and early G tivation of Skp2 rest Dverexpression of S feration and genetic	2). F-box proteins of omplex. The substra- proteins, which act a hem to the SCF con o Skp1 and a leucin ssociated protein 2 has by targeting the factor for ubiquityla 1 phase, increases ults in S/G2-phase Skp2 results in increa- instabilities typical	onstitute one of the ate specificity of SC as adaptors by asso e. F-box proteins co ne rich repeat (LRR)) interacts with cycli cyclin-dependent kir tion and subsequer during late G1 phas arrested cells with e ased CDK activity a of cancer cells (7).	ne approximate 40 amin four subunits of the Sk F complexes is determin ciating with phosphoryl ontain two fundamental o domain mediates subs n A/CDK2 and mediate hase (CDK) inhibitors p2 it proteolysis (3-6). Skp se and peaks during S a ndoduplication and mul and contributes to the do Increased Skp2/decrea nomas such as colon, t	p1-Cullin-F-box ned by the ated substrate domains: the F-box strate interactions. s proper G1 to S and 27, p21, p130 and 2 protein expression and G2 phases. tiple centrosomes eregulated sed p27 levels are	
Background Referer	2. Re 3. Zh 4. Na 5. Bo 6. Te	 Pagano, M. (2004) <i>Mol Cell</i> 14, 414-6. Reed, S.I. (2003) <i>Nat Rev Mol Cell Biol</i> 4, 855-64. Zhang, H. et al. (1995) <i>Cell</i> 82, 915-25. Nakayama, K. et al. (2004) <i>Dev Cell</i> 6, 661-72. Bornstein, G. et al. (2003) <i>J Biol Chem</i> 278, 25752-7. Tedesco, D. et al. (2002) <i>Genes Dev</i> 16, 2946-57. Bloom, J. and Pagano, M. (2003) <i>Semin Cancer Biol</i> 13, 41-7. 					
Species Reactivity	Specie	es reactivity is dete	rmined by testing ir	at least one appro	ved application (e.g., w	estern blot).	
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	WB:	Western Blotting IF	-IC: Immunofluores	cence (Immunocyto	ochemistry)		
Cross-Reactivity Ke	X: Xei	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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Limited Uses

Skp2 (L70) Antibody (#4313) Datasheet Without Images Cell Signaling Technology

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