e at -20C	NEDD4 (D82F4) Rabbit mAb	T E	ell Signaling сн N о L о G Y®
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Applications: WB, IP	Reactivity: H R Mk	Sensitivity: Endogenous	MW (kDa): 115	Source/Isotype: Rabbit IgG	UniProt ID: #P46934	Entrez-Gene lo 4734	
Product Usage	Ар	plication			Dilution		
Information	We	stern Blotting			1:1000		
	Im	nunoprecipitation			1:50		
Storage		•		7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than	
Specificity / Sensitivity		NEDD4 (D82F4) Rabbit mAb detects endogenous levels of total NEDD4. The antibody does not cross react with NEDD4L.					
Species predicted to react based on 100% sequence homology:		se					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to human NEDD4 protein.					
Background		a gene that is highly sequently, a family NEDD4 and NEDD endent phospholipio V domains), and an n shown to downreg nuels (ENaCs) in re DD4 bind to PY mot guitination of these p rnalization and remo motifs in ENaC prot ertension (5). In add late TGF-β signalir	expressed in the of NEDD4-like pri- 4-like (NEDD4L) d and membrane E3 ubiquitin-proti gulate both neuro sponse to increasi ifs (amino acid se proteins is mediat oval from the plass eins is associated dition to targeting ng by targeting Sm	ntally down-regulated pi early mouse embryonic oteins have been define proteins contain multiple binding domain (C2 dor ein ligase domain (HEC nal voltage-gated Na+ co sed intracellular Na+ con equence PPXY) found in ed by the HECT domair sma membrane. Resear d with Liddle's syndrome sodium channels, NED	c central nervous syste d that includes seven e functional domains ir nain), two to four prote T domain). NEDD4 ar channels (NaVs) and e ncentrations (3,4). The nultiple NaV and EN n of NEDD4 and result ch studies have show e, an autosomal domin D4L has also been sho	em (1). members in humans ncluding a calcium- ein binding domains ad NEDD4L have epithelial Na+ e WW domains of aC proteins; s in their n that mutation of the	
				nad2 for degradation (6) ptosis, although the sign		own to negatively IEDD4 are rapidly	
Background Refere	2. H 3. D 4. G 5. S 6. K	arvey, K.F. and Kun	nar, S. (1999) Tre 998) Proc Natl Ac 998) J Biol Chem 6) EMBO J 15, 23 005) Biochem J 3	btosis, although the sign hys Res Commun 185, 1 nds Cell Biol 9, 166-9. ad Sci USA 95, 7169-73 273, 30012-7. 71-80. 886, 461-70.	ificance of this cleava 1155-61.	own to negatively IEDD4 are rapidly	
	2. H 3. D 4. G 5. S 6. K 7. H	arvey, K.F. and Kun inudom, A. et al. (19 oulet, C.C. et al. (19 taub, O. et al. (1996 uratomi, G. et al. (2 arvey, K.F. et al. (19	nar, S. (1999) Tre 998) Proc Natl Ac 998) J Biol Chem 6) EMBO J 15, 23 005) Biochem J 3 998) J Biol Chem	btosis, although the sign hys Res Commun 185, 1 nds Cell Biol 9, 166-9. ad Sci USA 95, 7169-73 273, 30012-7. 71-80. 886, 461-70.	ificance of this cleava 1155-61. 3.	own to negatively IEDD4 are rapidly ge is not clear (7).	
Background Refere Species Reactivity Western Blot Buffer	2. H 3. D 4. G 5. S 6. K 7. H Spec	arvey, K.F. and Kun inudom, A. et al. (19 oulet, C.C. et al. (19 taub, O. et al. (1996 uratomi, G. et al. (2 arvey, K.F. et al. (19 ies reactivity is dete	nar, S. (1999) Tre 998) Proc Natl Ac 998) J Biol Chem 6) EMBO J 15, 23 005) Biochem J 3 998) J Biol Chem ermined by testing rn blots, incubate	btosis, although the sign bys Res Commun 185, 1 nds Cell Biol 9, 166-9. ad Sci USA 95, 7169-73 273, 30012-7. 71-80. 86, 461-70. 273, 13524-30. g in at least one approve membrane with diluted	ificance of this cleava 1155-61. 3. ed application (e.g., we	own to negatively NEDD4 are rapidly ge is not clear (7).	
Species Reactivity	2. H 3. D 4. G 5. S 6. K 7. H Spec 1MPC 0.1%	arvey, K.F. and Kun inudom, A. et al. (19 oulet, C.C. et al. (19 taub, O. et al. (1996 uratomi, G. et al. (2 arvey, K.F. et al. (19 ies reactivity is dete DRTANT: For weste	nar, S. (1999) Tre 998) Proc Natl Ac 998) J Biol Chem 6) EMBO J 15, 23 005) Biochem J 3 998) J Biol Chem ermined by testing rn blots, incubate with gentle shaki	btosis, although the sign bys Res Commun 185, 1 nds Cell Biol 9, 166-9. ad Sci USA 95, 7169-73 273, 30012-7. 71-80. 86, 461-70. 273, 13524-30. g in at least one approve membrane with diluted ng, overnight.	ificance of this cleava 1155-61. 3. ed application (e.g., we	own to negatively NEDD4 are rapidly ge is not clear (7).	

1/1/24, 9:43 AM	 NEDD4 (D82F4) Rabbit mAb (#5344) Datasheet Without Images Cell Signaling Technology 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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