e at -20C	NEDD4 (C5F5) Rabbit mAb		ell Signaling снмогоду [®]
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Applications: WB, IP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 115	Source/Isotype: Rabbit IgG	UniProt ID: #P46934	Entrez-Gene Id: 4734
Product Usage Information		pplication estern Blotting munoprecipitation			Dilution 1:1000 1:50	
Storage		•		7.5), 150 mM NaCl, 100 o not aliquot the antibody	10 00	erol and less than
Specificity / Sensitivity		The NEDD4 (C5F5) 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	6	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 psequently, a family of NEDD4 and NEDD- pendent phospholipic N domains), and an en shown to downreg nnels (ENaCs) in re DD4 bind to PY moti quitination of these p rnalization and remo motifs in ENaC proto pertension (5). In add ulate TGF-β signalin	expressed in the of NEDD4-like pr 4-like (NEDD4L) 4 and membrane E3 ubiquitin-prot gulate both neuro sponse to increa fs (amino acid se proteins is mediat oval from the plas eins is associated lition to targeting g by targeting Sr	ntally down-regulated p 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+ co equence PPXY) found ir ted by the HECT domains ma membrane. Resear d with Liddle's syndrome sodium channels, NED nad2 for degradation (6 ptosis, although the sign	c central nervous syste ed that includes seven e functional domains in main), two to four prote T domain). NEDD4 ar channels (NaVs) and e ncentrations (3,4). The multiple NaV and EN n of NEDD4 and result ich studies have show e, an autosomal domir D4L has also been sh). Mouse and human f	em (1). members in humans ncluding a calcium- ein binding domains nd NEDD4L have epithelial Na+ e WW domains of laC proteins; ts in their n that mutation of the nant form of own to negatively NEDD4 are rapidly
Background Referer	2. F 3. C 4. C 5. S 6. K	larvey, 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	371-80. 386, 461-70.		
Species Reactivity	Spe	Species reactivity is determined by testing in at least one approved application (e.g., western 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 Cross-Reactivity Ke		: Western Blotting IF	P: Immunoprecip	itation		

1/1/24, 12:38 PM	NEDD4 (C5F5) Rabbit mAb (#3607) 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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