NEDD4L Antibody



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Applications: W, IP, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 110, 135	Source/Isotype: Rabbit	UniProt ID: #Q96PU5	Entrez-Gene Id: 23327
Product Usage Information		Application Western Blotting Immunoprecipitation Immunofluorescence	(Immunocytochen	nistry)		Dilution 1:1000 1:50 1:50
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		NEDD4L Antibody detects endogenous levels of total NEDD4L protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Glu271 of human NEDD4L protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		identified as a gene th Subsequently, a family humans (2). NEDD4 ar calcium-dependent ph binding domains (WW NEDD4L have been sh epithelial Na ⁺ channel domains of NEDD4 bin proteins; ubiquitination their internalization ar mutation of the PY mc dominant form of hyp shown to negatively re	nat is highly expresty of NEDD4-like produced NEDD4-like (NEDD4-like) and more domains), and an anown to downregules (ENaCs) in respond to PY motifs (and to PY motifs (and to PY motifs) in ENaC protein the removal from the potifs in ENaC protein the segulate TGF-β sign poidly cleaved by case	ntally down-regulated prosed in the early mouse esteins have been defined DD4L) proteins contain membrane binding domain E3 ubiquitin-protein ligate both neuronal voltagense to increased intracellation acid sequence PPXY is is mediated by the HEC ne plasma membrane. Refins is associated with Liddition to targeting sodicaling by targeting Smad2 spase proteins during ap	mbryonic central n that includes seven nultiple functional of n (C2 domain), two se domain (HECT d ne-gated Na ⁺ channular Na ⁺ concentral of found in multiple T domain of NEDD research studies have dle's syndrome, an um channels, NEDD of tor degradation (6	ervous system (1). n members in domains including a to four protein omain). NEDD4 and tels (NaVs) and tions (3,4). The WW NaV and ENaC 4 and results in re shown that autosomal tal has also been 6). Mouse and
Background Ref	erences	 Kumar, S. et al. (1992) Biochem Biophys Res Commun 185, 1155-61. Harvey, K.F. and Kumar, S. (1999) Trends Cell Biol 9, 166-9. Dinudom, A. et al. (1998) Proc Natl Acad Sci USA 95, 7169-73. Goulet, C.C. et al. (1998) J Biol Chem 273, 30012-7. Staub, O. et al. (1996) EMBO J 15, 2371-80. Kuratomi, G. et al. (2005) Biochem J 386, 461-70. Harvey, K.F. et al. (1998) J Biol Chem 273, 13524-30. 				
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/v BSA, 1X				

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

W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)

Cross-Reactivity Key

H: Human M: Mouse R: Rat Mk: Monkey

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