e at -20C	TRAF6 (D21G3) Rabbit mAb		Cell Signaling
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Applications: WB, IP	Reactivity H Mk	: Sensitivity: Endogenous	MW (kDa): 60	Source/Isotype: Rabbit IgG	UniProt ID: #Q9Y4K3	Entrez-Gene Id: 7189
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:100	
Storage		Supplied in 10 mM sodiu 0.02% sodium azide. Sto		,		erol and less than
Specificity / Sensiti		TRAF6 (D21G3) Rabbit r predicted to cross-react v	0	Ū	otal TRAF6 protein. Th	is antibody is not
Source / Purificatio		Monoclonal antibody is p residues near the amino	•	-	synthetic peptide corre	esponding to
Background		TRAFs (TNF receptor-as surface receptors and rec promoting cellular respor domain", which mediates Zinc/RING finger motifs. interactions with the cyto act as adaptor proteins fo survival, proliferation, diff TRAF6 plays a critical rol tissues including the new CD40, and LPS signaling members that mediate si signaling responses from (13,14), and p75 neurotrr indirectly with IL-1R/TLR pathways through downs family nonreceptor tyrosi	cruit additional p nses (1-3). Mem interactions wi The first TRAFs plasmic domain or a wide range ferentiation, and le in innate and vous system (5) g (6) as well as gnaling through the interleukin- ophin receptor (through IRAK (stream associati	proteins to form multipro bers of the TRAF family th associated proteins; r i identified, TRAF1 and of TNF-receptor 2 (TNF of cell surface receptors stress responses. adaptive immunity, bond .TRAF6 deficiency resul defects in neuronal deve TNF, TRAF6 has unique 1 receptor (IL-1R) (9), to 15). TRAF6 associates 10). This leads to activa on with the TAB/TAK-1 of	tein signaling complex share a common carb nany also contain amin (RAF2, were found by FRII) (4). The six know and participate in the e metabolism, and dev ts in osteopetrosis and elopment (7). Unlike otl e binding activities (8) poll-like receptor (10,11) directly with CD40 and tion of NF-kB and MAR complex (16). TRAF6 a	es capable of poxy-terminal "TRAF no-terminal virtue of their n TRAFs (TRAF1-6) regulation of cell relopment of certain d defective IL-1, her TRAF family that result in), CD40 (12), RANK I RANK, and P kinase signaling
Background Refere	14 1 1 1 1 1 1 1 1 1	1. Arch, R.H. et al. (1998 2. Chung, J.Y. et al. (2003 3. Bradley, J.R. and Pobe 4. Rothe, M. et al. (1994) 5. Wu, H. and Arron, J.R. 6. Lomaga, M.A. et al. (197 7. Lomaga, M.A. et al. (2002) Na 9. Cao, Z. et al. (1906) N 0. Muzio, M. et al. (1997) 1. Medzhitov, R. et al. (1997) 2. Ishida, T. et al. (1996) 3. Darnay, B.G. et al. (1994) 5. Khursigara, G. et al. (1995) 5. Khursigara, G. et al. (1995) 7. Wong, B.R. et al. (1995)	2) J Cell Sci 11 er, J.S. (2001) C Cell 78, 681-92 (2003) Bioessa 999) Genes De 000) J Neurosci ture 418, 443-7 ature 383, 443- Science 278, 1 98) Mol Cell 2, J Biol Chem 27 98) J Biol Chem 8) J Biol Chem 8) J Biol Chem 999) J Biol Chem 1, (1999) Nature	5, 679-88. Drcogene 20, 6482-91. 2. ays 25, 1096-105. v 13, 1015-24. i 20, 7384-93. 6. 612-5. 253-8. 1, 28745-8. 1 273, 20551-5. 273, 28355-9. 273, 28355-9. 274, 2597-600. 398, 252-6.		

3/23/24, 11:24 AM	TRAF6 (D21G3) Rabbit mAb (#8028) Datasheet Without Images Cell Signaling Technology			
Species Reactivity	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	WB: Western Blotting IP: Immunoprecipitation			
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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