## TRAF6 Antibody Cell Signaling 0rders: 877-616-CELL (2355) orders@cellsignal.com Support: 877-678-TECH (8324) Web: info@cellsignal.com cellsignal.com 3 Trask Lane Danvers Massachusetts 01923

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

Applications: W, IP	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 60	Source/Isotype: Rabbit	UniProt ID: #Q9Y4K3	<b>Entrez-Gene Id:</b> 7189
Product Usage Information		<b>Application</b> Western Blotting Immunoprecipitation		) 450	<b>Dilution</b> 1:1000 1:50	united States at
Storage		20°C. Do not aliquot the		), 150 mM NaCl, 100 μg/	mi BSA and 50% gr	ycerol. Store at –
Specificity/Sensitivity		TRAF6 Antibody detects endogenous levels of total TRAF6 protein.				
Source / Purific	cation		terminus of huma	munizing animals with a an TRAF6. Antibodies we		
Background		surface receptors and r promoting cellular resp "TRAF domain", which r terminal Zinc/RING fing their interactions with t (TRAF1-6) act as adapto regulation of cell surviv TRAF6 plays a critical ro certain tissues including IL-1, CD40, and LPS sign family members that m results in signaling resp (12), RANK (13,14), and and indirectly with IL-11 pathways through dow	recruit additional p ponses (1-3). Memb mediates interaction ger motifs. The firs the cytoplasmic do or proteins for a wi ral, proliferation, d ole in innate and ac g the nervous syst naling (6) as well a nediate signaling th ponses from the in p75 neurotrophin R/TLR through IRA nstream association	re a family of multifunct proteins to form multipro- pers of the TRAF family sons with associated prot t TRAFs identified, TRAF main of TNF-receptor 2 de range of cell surface ifferentiation, and stress daptive immunity, bone em (5). TRAF6 deficiency s defects in neuronal de prough TNF, TRAF6 has u terleukin-1 receptor (IL- receptor (15). TRAF6 ass K (10). It leads to activat on with the TAB/TAK-1 cong to Akt activation (17).	otein signaling com hare a common car eins; many also cor 1 and TRAF2, were f (TNFRII) (4). The six receptors and parti results in osteopet velopment (7). Unli unique binding activ 1R) (9), toll-like rece cociates directly wit ion of NF-kB and M omplex (16). TRAF6	plexes capable of rboxy-terminal ttain amino- found by virtue of known TRAFs cipate in the evelopment of trosis and defective ke other TRAF vities (8) that ptor (10,11), CD40 h CD40 and RANK, AP kinase signaling
Background Re	eferences	<ol> <li>Arch, R.H. et al. (1998</li> <li>Chung, J.Y. et al. (200)</li> <li>Bradley, J.R. and Pobe</li> <li>Rothe, M. et al. (1994</li> <li>Wu, H. and Arron, J.R</li> <li>Lomaga, M.A. et al. (1</li> <li>Lomaga, M.A. et al. (2</li> <li>Ye, H. et al. (2002) Na</li> <li>Cao, Z. et al. (1996) A</li> <li>Muzio, M. et al. (199</li> <li>Medzhitov, R. et al. (199</li> <li>Darnay, B.G. et al. (199</li> <li>Khursigara, G. et al.</li> <li>Kinomiya-Tsuji, J. et</li> <li>Wong, B.R. et al. (199</li> </ol>	2) J Cell Sci 115, 67 er, J.S. (2001) Onco J. Cell 78, 681-92. . (2003) Bioessays 1999) Genes Dev. 1 2000) J. Neurosci. 2 ature 418, 443-447. Jature 383, 443-447. Jature 383, 443-444 07) Science 278, 16 (1998) Mol.Cell 2, 1 6) J. Biol. Chem. 27 (1998) J. Biol. Chem. (1999) J. Biol. Chem. al. (1999) Nature 3	9-88. gene 20, 6482-91. 25, 1096-1105. 3, 1015-1024. 20, 7384-7393. 5. 12-1615. 253-258. 1, 28745-28748. 273, 20551-20555. 273, 28355-28359. m. 274, 2597-2600. 398, 252-256.		
Species Reactiv	vity	Species reactivity is det	ermined by testing	g in at least one approve	d application (e.g.,	western blot).
Western Blot B	Buffer	IMPORTANT: For weste TBS, 0.1% Tween® 20 a		membrane with diluted haking, overnight.	primary antibody ir	1 5% w/v BSA, 1X

TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key	W: Western Blotting IP: Immunoprecipitation			
Cross-Reactivity Key	H: Human			
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