8053

Phospho-JunB (Thr102/Thr104) (D3C6) Rabbit mAb



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Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 43	Source/Isotype: Rabbit IgG	UniProt ID: #P17275	Entrez-Gene Id: 3726
Product Usage Information		Application Western Blotting Immunoprecipitation			Dilution 1:1000 1:50	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sen	sitivity	Phospho-JunB (Thr102/Thr104) (D3C6) Rabbit mAb recognizes endogenous levels of JunB protein when phosphorylated at Thr102 and/or Thr104. The antibody does not detect non-phosphorylated JunB protein.				
Species predic based on 100% homology		Mouse, Rat				
Source / Purifi	cation			nunizing animals with sy hr102 and Thr104 of hu		ptides
Background		includes c-Jun and Jun proteins to form a fun by a variety of physioli- signals (1-4). While Jur substitute for c-Jun du and plays an importar myeloid leukemia (AM JunB expression is sele interacts with c-Maf, a Interleukin-4 (IL-4), on IL-4 was shown to be Phosphorylation of the	D. Jun family member ctional transcription ogical and pathologing sometimes anta- ining development in role in the pathologing (L) (8,9). ectively induced in ind the resulting co be of the signature enhanced by JNK-mese residues enhar	P) transcription factor b bers homodimerize or he n factor AP-1 (activator p gical stimuli such as grou gonizes c-Jun transcription in mice (5-7). JunB regula genesis of chronic myelo T helper 2 (Th2) cells dur mplex functions synergi cytokines secreted by The diated phosphorylation ices DNA binding of the ing to Th2-restricted IL-4	eterodimerize with l protein 1), whose ac wth factors, infectio onal activity, it may ates hematopoietic ogenous leukemia (ring T cell differentia stically to activate to 2 cells. Transcriptio n of JunB at Thr102 JunB/c-Maf complex	Fos and ATF ctivity is regulated ns, and stress functionally stem cell number CML) and acute ation. JunB ranscription of nal regulation of and Thr104 (10).
Background R	eferences	1. Busch, S.J. and Sass 2. Shaulian, E. and Kar 3. Hess, J. et al. (2004) 4. Mechta-Grigoriou, F 5. Chiu, R. et al. (1989) 6. Schütte, J. et al. (1987) 7. Passegué, E. et al. (2006) 9. Passegué, E. et al. (2006) 10. Li, B. et al. (1999) <i>E</i>	rin, M. (2002) <i>Nat. C. J. Cell Sci.</i> 117, 5965 5. et al. (2001) <i>Onco</i> 6. <i>Cell</i> 59, 979-986. 89) <i>Cell</i> 59, 987-997 2002) <i>Nat. Genet.</i> 3 5) <i>Nat. Genet.</i> 38, 1 2004) <i>Cell</i> 119, 431-	5-5973. <i>gene</i> 20, 2378-2389. 0, 158-166. 269-1277.		
Species Reacti	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	n 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting II	P: Immunoprecipita	ation		
Cross-Reactivi	ty Key	H: Human				

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