2390

Phospho-IRF-7 (Ser477) (D7E1W) Rabbit



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Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 65	Source/Isotype: Rabbit IgG	UniProt ID: #Q92985	Entrez-Gene Id: 3665
Product Usage Information		Application Western Blotting			Dilution 1:1000	
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.				ol and less than
Specificity/Sen	sitivity	phosphorylated at Sei	477. This antibody	nAb recognizes endoger can also detect IRF-7 wh ct with proteins of unkno	nen dually phosphoi	ylated at Ser477
Species predict based on 100% homology		Monkey				
Source / Purific	cation			nunizing animals with a s Ser477 of human IRF-7 p		eptide
Background		Jak/Stat pathway to re infection (1). IRFs play development, cell gro IRF-1, IRF-2, IRF-9/ISG proteins share homol transcription through	gulate interferon (an important role wth, and susceptib F3γ, IRF-3, IRF-4 (Pi ogy in their amino- interactions with p	rise a family of transcrip FN) and IFN-inducible go in pathogen defense, au ility to transformation. T p/LSIRF/ICSAT), IRF-5, IR terminal DNA-binding do roteins that share simila l consensus sequences (ene expression in re toimmunity, lymph he IRF family includ F-6, IRF-7, and IRF-8 omains. IRF family n r DNA-binding moti	esponse to viral ocyte es nine members: VICSBP. All IRF nembers regulate ifs, such as IFN-
		virus, LPS, and IFN-α (to viral infection (6-8).	3-5). IRF-7 plays an Like IRF-3, IRF-7 is	3, is preferentially expre essential role in the inde regulated at multiple se r nuclear translocation, l	uction of type I inter rine phosphorylatio	rferon in response n sites near its
Background Re	eferences	1. Taniguchi, T. et al. (2 2. Honda, K. and Tanig 3. Au, W.C. et al. (1998 4. Wathelet, M.G. et al 5. Marié, I. et al. (1998 6. Sato, M. et al. (2000 7. Honda, K. et al. (200 8. Colina, R. et al. (200 9. Lin, R. et al. (2000) 10. Yang, H. et al. (200 11. Caillaud, A. et al. (200	guchi, T. (2006) <i>Nat</i>) <i>J Biol Chem</i> 273, 2 . (1998) <i>Mol Cell</i> 1, 5) <i>EMBO J</i> 17, 6660- 1) <i>Immunity</i> 13, 539 25) <i>Nature</i> 434, 772 18) <i>Nature</i> 452, 323 5 <i>Biol Chem</i> 275, 34 3) <i>J Biol Chem</i> 278,	<i>Rev Immunol</i> 6, 644-58. 19210-7. 507-18. 9. -48. -7. 8. 320-7. 15495-504.		
Species Reactiv	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	ר 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				
Cross-Reactivit	ty Key	H: Human				

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