e at -20C	Tollip Antibody			
Store at -		Orders:	877-616-CELL (2355) orders@cellsignal.com	
<u></u>		Support:	877-678-TECH (8324)	
#4748		Web:	info@cellsignal.com cellsignal.com	
#		3 Trask Lane Danvers Ma	ssachusetts 01923 USA	

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

Applications: WB	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 33	Source: Rabbit	UniProt ID: #Q9H0E2	Entrez-Gene Id: 54472		
Product Usage Information		plication estern Blotting			Dilution 1:1000			
Storage		pplied in 10 mM sodiu C. Do not aliquot the		5), 150 mM NaCl, 10	0 μg/ml BSA and 50% g	lycerol. Store at –		
Specificity / Sensitivity		Tollip Antibody detects endogenous levels of total Tollip protein.						
Source / Purificatio	resi			-	n a synthetic peptide cor are purified by protein A			
Background	play pati NF- IL-1 Toll, ada ada ada acti Acti seq Toll reco sign thro	/ a pivotal role in inna nogens and mediate KB and subsequent receptor family shau (Interleukin-1 receptor ptor proteins contain ptor-like/TIR-associa Toll-receptor-associ vation of IRAK1 and vation of IKK leads t uestering it in the cyr ip (Toll interacting pro- ruited to IL1-R follow haling (4). Tollip also	ate immune respor defense responses regulation of immu re a conserved stre or (TIR) domain (1) ning TIR domains, i ated protein (MAL/T ated molecule (TR IRAK4, which form o the degradation of toplasm. otein) is an adaptor ing IL-1 stimulation associates directly K (5). Studies of To	nses (1-4). TLRs reco s (5-7). Triggering of ne and inflammatory etch of approximately . Upon activation, TL ncluding myeloid diff (TRAP), Toll-receptor AM) (8-10). This ass a complex with TR/ of IkB, which normall r protein discovered a (4). Overexpression with TLR2 and TLR ollip deficient mice so	osely related Toll recept ognize conserved motifs the TLR pathway leads genes (4). The TLRs and 200 amino acids know Rs associate with a numerentiation factor 88 (M -associated activator of ociation leads to the rec AF6 to activate TAK1 and y maintains NF-kB in ar to be associated with the of Tollip results in impact 4 and inhibits TLR-medi uggest that it plays a rol	s found in various to the activation of nd members of the n as the mber of cytoplasmic yD88), MyD88- interferon (TRIF), cruitment and d IKK (8,11-14). h inactive state by e IRAK complex and aired NF-κB ated signaling		
Background Refere	2. B 3. C 4. M 5. S 6. T 7. A 8. Z 9. H 10. C 11. M 12. V 13. S 14. Ir 15. B 16. Z	kira, S. (2003) <i>J Bio</i> , ieutler, B. (2004) <i>Nat</i> bunne, A. and O'Neill ledzhitov, R. et al. (1 ichwandner, R. et al. akeuchi, O. et al. (19 lexopoulou, L. et al. hang, F.X. et al. (2001) bshiumi, H. et al. (2001) bshiumi, H. et al. (2002) fuzio, M. et al. (1997) Vesche, H. et al. (2002) ie, T. et al. (2000) hang, G. and Ghosh bidierlaurent, A. et al.	ture 430, 257-63. , L.A. (2003) Sci S .997) Nature 388, 3 (1999) J Biol Cher .999) Immunity 11, 4 (2001) Nature 413 .99) J Biol Chem 27 .041 Immunol 2, 83 .03) Nat Immunol 4, .052 Science 278, 161 .07) Immunity 7, 83 .03) Nature 416, 750- .055 Lett 467, 160- .0 Nat. Cell Biol. 2, 3 .0, S. (2002) J. Biol.	TKE 2003, re3. 394-7. n 274, 17406-9. 143-51. , 732-8. 4, 7611-4. 35-41. , 161-7. .2-5. 7-47. -6. 4. 346-351. Chem. 277, 7059-70	065.			

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

3/23/24, 1:11 PM Western Blot Buffer	Tollip Antibody (#4748) Datasheet Without Images Cell Signaling Technology 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
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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