Aiolos Antibody	C T		
	Orders:	877-616-CELL (2355) orders@cellsignal.com	
0	Support:	877-678-TECH (8324)	
+127	Web:	info@cellsignal.com cellsignal.com	
	3 Trask Lane Danvers Mas	sachusetts 01923 USA	
For Research Use Only. Not for Use in Diagnostic Procedures.			

Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 58, 65	Source/Isotype: Rabbit	UniProt ID: #Q9UKT9	Entrez-Gene Id 22806	
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 and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.					
Specificity/Sensi	tivity	Aiolos Antibody recognizes endogenous levels of total Aiolos protein.					
Species predicte based on 100% s homology		Monkey					
Source / Purifica	tion	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro46 of human Aiolos protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background		binding and homodin Aiolos isoforms are gu amino-terminal zinc f seen in mature B and chromatin remodeling for activation, increas develop B cell lympho IL-2 expression (5). At independence throug are observed in near	nerization or heterc enerated through a ingers (2). Aiolos is I T cells (1). Ikaros fa g complexes to DN/ sed proliferation, an omas (4). In T cells, / berrant expression of haploid acute lymp	ctor composed of severa dimerization with other lternative splicing of the expressed by lymphoid t mily proteins control lyr A (3). B cells from mice la d elevated levels of IgG Aiolos contributes to Th1 of Aiolos in transformed of Adolos in transformed fadhesion-related gene noblastic leukemia, and matoid arthritis and syst	Ikaros family mem portion of the tran cissues, with highes nphocyte developm cking Aiolos have a and IgE. In addition 7 cell differentiatio epithelial cells pror es (6). Alterations in the genetic locus co	bers (1). Multiple script encoding the t expression levels nent by recruiting reduced threshold , Aiolos null mice n by suppressing notes anchorage the <i>Aiolos</i> gene ontaining Aiolos is	
Background Ref	erences	1. Morgan, B. et al. (1 2. Liippo, J. et al. (200 3. Kim, J. et al. (1999) 4. Wang, J.H. et al. (19 5. Quintana, F.J. et al. 6. Li, X. et al. (2014) 7. Holmfeldt, L. et al. 8. Kurreeman, F.A. et 9. Lessard, C.J. et al. (2014)	1) <i>Eur J Immunol</i> 31 <i>Immunity</i> 10, 345-5 998) <i>Immunity</i> 9, 54 (2012) <i>Nat Immuno</i> <i>ancer Cell</i> 25, 575-8 (2013) <i>Nat Genet</i> 45 al. (2012) <i>Am J Hum</i>	, 3469-74. 5. 3-53. v/ 13, 770-7. 9. v, 242-52. v <i>Genet</i> 90, 524-32.			
Species Reactivi	ty	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot Bu	ffer		vestern blots, incubate membrane with diluted primary antibody in 5% w/v nonfat .1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key	,	W: Western Blotting					
Cross-Reactivity	Кеу	H: Human					
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