## BCL2L10 Antibody Cell Signaling 0rders: 877-616-CELL (2355)<br/>orders@cellsignal.com Support: 877-678-TECH (8324) Web: info@cellsignal.com<br/>cellsignal.com<br/>cellsignal.com 0Tarsk Lane | Danvers | Massachusetts | 01923 | USA

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Applications: W	<b>Reactivity:</b> H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 23	<b>Source/Isotype:</b> Rabbit	UniProt ID: #Q9HD36	Entrez-Gene Id: 10017
Product Usage Information	2	<b>Application</b> 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/Sensitivity		BCL2L10 Antibody detects endogenous levels of total BCL2L10 protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro115 of human BCL2L10. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		domains (BH) that reg release of cytochrome interactions. The famil homology: pro-surviva include Bax, Bak and E Interactions between rheostat model in whi Thus, pro-survival mer members. In general, leading to increased a transcriptional and po distinct physiological r Bcl-2-like 10 (BCL2L10) member with some ur embryonic tissues but expressed (8). BCL2L11 transmembrane doma BCL2L10, conflicting re indicate that BCL2L10 (7,8,10). BCL2L10 may interaction with the ap	ulate apoptosis thr c (1-3). Four BH dc y can be separated al members include Bok; and "BH3 only death-promoting a ch the ratio of pro- mbers exert their b the "BH3-only mer poptosis (5). While st-translational reg roles. ), known as Diva or nique properties. E: restricted to adult 0 contains BH1, 2, a in. While some stu eports indicate an i induces apoptosis function by differe poptosome protein	evolutionarily conserved rough control of mitocho omains have been identi 1 into three groups base 2 Bcl-2, Bcl-xL, Mcl-1, A1 a " proteins Bad, Bik, Bid, nd death-suppressing B apoptotic and anti-apop ehavior by binding to ar nbers" can bind to and a some redundancy of thi gulation of many of these Boo in mouse (6,7) and xpression of the mouse ovary and testis (6,7); hu and 4 domains as well as idies report the presence ncomplete or absent BH (6,9) while other data im ntially binding other Bcl Apaf-1 (6,7). Despite its vious developmental def	ondrial membrane p fied (BH1-4) that me d upon function and and Bcl-w; pro-apop Puma, Bim, Bmf, No cl-2 family member totic proteins contr d antagonizing dea antagonize the pro-s is system likely exist e family members c Bcl-B in human (8), mRNA was detected uman Bcl-B appears s a putative carboxy e of a pro-apoptotic 13 domain (7-9). Sim nplies a role in supp -2 family members restricted expression	bermeability and ediate protein d sequence bototic proteins boxa and Hrk. s has led to a ols cell fate (4). ath-promoting survival proteins cs, tissue specificity, an account for is a Bcl-2 family d in multiple to be more widely t-terminal BH3 domain in hilarly, some studies ressing cell death and through
Background R	eferences	1. Cory, S. et al. (2003) 2. Antonsson, B. and M 3. Sharpe, J.C. et al. (20 4. Korsmeyer, S.J. et al. 5. Bouillet, P. and Stras 6. Inohara, N. et al. (19 7. Song, Q. et al. (1999) 8. Ke, N. et al. (2001) 9. Lee, R. et al. (2001) 10. Naumann, U. et al. 11. Russell, H.R. et al. (	Martinou, J.C. (2000) 04) <i>Biochim Bioph</i> (1993) <i>Semin Can</i> sser, A. (2002) <i>J Cell</i> 098) <i>J Biol Chem</i> 27 ) <i>EMBO J</i> 18, 167-7 <i>Biol Chem</i> 276, 124 <i>Biochim Biophys A</i> (2001) <i>FEBS Lett</i> 5	) <i>Exp Cell Res</i> 256, 50-7. <i>ys Acta</i> 1644, 107-13. <i>cer Biol</i> 4, 327-32. <i>Sci</i> 115, 1567-74. 3, 32479-86. 8. 481-4. <i>cta</i> 1520, 187-94. 05, 23-6.		
Species Reacti	vity	Species reactivity is de	termined 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 in	n 5% w/v BSA, 1X

Applications Key	W: Western Blotting			
Cross-Reactivity Key	H: Human M: Mouse R: Rat Mk: Monkey			
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