Revision 1		
ក្តុ TMS1 Antibody		Il Signaling CHNOLOGY®
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com
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For	Research	Use	Only.	Not for	Use in	Diagnostic	Procedures.

#	anvers Massachu	setts 01923 US							
or Research Use Onl	y. Not for Use Reactivity:	in Diagnostic Proced Sensitivity:	MW (kDa):	Source/Isotype:	UniProt ID:	Entrez-Gene I			
W	Н	Endogenous	22	Rabbit	#Q9ULZ3	29108			
Product Usage Information		Application Western Blotting			Dilution 1:1000				
Storage		Supplied in 10 mM so 20°C. Do not aliquot t), 150 mM NaCl, 100 μg.	/ml BSA and 50% gl	ycerol. Store at –			
Specificity/Sensi	tivity	TMS1 Antibody detect	TMS1 Antibody detects endogenous levels of total TMS1 protein.						
Species predicted based on 100% so homology		Mouse, Rat, Monkey							
Source / Purifica	tion	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of mouse TMS1. Antibodies are purified by protein A and peptide affinity chromatography.							
Background		a CARD), also referred terminal pyrin domair gene was originally fo since been found to b glioblastoma (4), mela of ASC/TMS1 can be ir re-distributed from th cytochrome c release	to as PYCARD and n (PYD) and a C-tern und to be aberrant e silenced in a num anoma (5), gastric ca nduced by pro-apop e cytosol to the mit and subsequent ap natory signaling wh	ncing)/ASC (apoptosis-as CARD5, is a 22 kDa pro-a ninal caspase recruitmen y methylated and silenc ber of other cancers, ind ancer (6), lung cancer (7) totic/inflammatory stim ochondria and associate optosis (10). ASC/TMS1 l uere it associates with ar	apoptotic protein cont and domain (CARD) (1 ed in breast cancer cluding ovarian can), and prostate canco uli (9). During apop es with mitochondri has also been found	ntaining an N- -2). The <i>ASC/TMS</i> cells (2), and has cer (3), er (8). Expression tosis ASC/TMS1 is al Bax to trigger to be a critical			
Background Refe	erences	 Masumoto, J. et al. (1999) J Biol Chem 274, 33835-8. Conway, K.E. et al. (2000) Cancer Res 60, 6236-42. Terasawa, K. et al. (2004) Clin Cancer Res 10, 2000-6. Stone, A.R. et al. (2004) Am J Pathol 165, 1151-61. Guan, X. et al. (2003) Int J Cancer 107, 202-8. Moriai, R. et al. (2002) Anticancer Res 22, 4163-8. Virmani, A. et al. (2006) Mol Cancer 5, 28. Strong, R. et al. (1991) Brain Res 542, 23-8. Ohtsuka, T. et al. (2004) Nat Cell Biol 6, 121-8. Srinivasula, S.M. et al. (2002) J Biol Chem 277, 21119-22. 							
Species Reactivit	y	Species reactivity is de	etermined by testing	g in at least one approve	ed application (e.g.,	western blot).			
Western Blot But	ffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1 TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.							
Applications Key	,	W: Western Blotting							
Cross-Reactivity	Key	H: Human							
Trademarks and	Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.							
					55.				

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