JFI16 Antibody	T C			
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com		
	Support:	877-678-TECH (8324)		
#8079	Web:	info@cellsignal.com cellsignal.com		
80	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): 85, 95, 98	Source/Isotype: Rabbit	UniProt ID: #Q16666	Entrez-Gene Id: 3428		
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.				lycerol. Store at –		
Specificity/Sensitivity		IFI16 Antibody recognizes endogenous levels of total IFI16 protein.						
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro399 of human IFI16 protein. Antibodies are purified by protein A and peptide affinity chromatography.						
Background		IFI16) and at least thin PYHIN family is chara- stranded DNA and a F inflammasome-formin observed to bind DNA produced by alternati lymphocytes, and hig interact with p53 and shown to directly sens	rteen members in n cterized by the pres PYRIN domain that i ng ASC protein (1). I A in both the cytopla ve splicing (4). IFI16 hly inducible in mai to play a role in cel se intracellular viral gators have observe	consists of four member nice (1). The closest hom ence of one or two HIN- mediates interactions ar (FI16 also has a nuclear asm and nucleus (2,3). To is constitutively expres by others by interferons lular senescence by moo DNA, leading to recruit ed increased levels of IF sus (7-9).	nolog of IFI16 in mic -200 domains that l mong family memb localization signal, here are three isofo sed by some cells, s (5). IFI16 has been dulating p53 activity ment of STING and	te is p204. The bind double ers, as well as the but has been brms of IFI16 such as shown to directly ((6). IFI16 was activation of IRF-3		
Background References		1. Keating, S.E. et al. (2 2. Unterholzner, L. et a 3. Kerur, N. et al. (201 4. Johnstone, R.W. et a 5. Trapani, J.A. et al. (1 6. Johnstone, R.W. et a 7. Choubey, D. and Pa 8. Mondini, M. et al. (2 9. Seelig, H.P. et al. (19	al. (2010) Nat Immu 1) Cell Host Microbe al. (1998) Biochemis 992) Immunogene al. (2000) Oncogene Inchanathan, R. (200 2006) Arthritis Rheu	inol 11, 997-1004. 9, 363-75. try 37, 11924-31. tics 36, 369-76. 19, 6033-42. 08) Immunol Lett 119, 33 im 54, 3939-44.	2-41.			
Species Reactiv	ity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).		
Western Blot B	uffer	IMPORTANT: For west TBS, 0.1% Tween® 20		e membrane with diluted primary antibody in 5% w/v BSA, 1X e shaking, overnight.				
Applications Ke	y	W: Western Blotting						
Cross-Reactivity	у Кеу	H: Human						
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