Store at -20C	Nod1 Antibody		Cell Signaling		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
ស		Support:	877-678-TECH (8324)		
#3545		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 M R Mk	Sensitivity: Endogenous	MW (kDa): 95	Source: Rabbit	UniProt ID: #Q9Y239	Entrez-Gene Id 10392			
Product Usage Information		oplication estern 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 / Sensitiv	vity No	d1 Antibody detects	endogenous levels	of Nod1 protein.					
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of Nod1 protein. Antibodies were purified by protein A and peptide affinity chromatography.							
Background	bee an dor (LF The infla app act	en implicated in apop amino-terminal casp main (NBD; also kno RR) (1). Like Apaf-1, e primary function of ammatory responses bears to be involved ivation in cooperatio	btosis and inflamma ase recruitment do wn as a NOD dom Nod1 induces apop Nod1 is thought to s including the activ in recognition of m n with the CARD co	tory responses to commain (CARD) that is ain) and is followed b boosis by a CARD/NE be as a sensor for co vation of NF-kB and crobial components bontaining kinase, RIC	and plant drug-resistar ertain pathogenic bacter linked to a central nucl by carboxy-terminal leud 3D-dependent activation certain pathogenic micro JNK pathways (4-6). Th and the CARD domain CK/RIP2/CARDIAK (1,5 and inflammatory bowel	ria (1-3). It contains eotide-binding sine-rich repeats n of caspase-9 (1). bbes and triggering e LRR of Nod1 induces NF-ĸB (6). Mutations in			
Background Refere	2. li 3. F 4. C 5. li 6. li 7. F	nohara, N. et al. (19 nohara, N. and Nuñe Fritz, J.H. et al. (2006 Sirardin, S.E. et al. (2 nohara, N. et al. (20 nohara, N. et al. (2005) AcGovern, D.P. et al	ez, G. (2003) Nat. F 6) Nat .Immunol. 7, 2001) EMBO Rep. 01) J. Biol. Chem. 2 00) J. Biol. Chem. 2 Hum. Mol. Genet. 2	Rev. Immunol. 3, 371 1250-1257. 2, 736-742. 276, 2551-2554. 275, 27823-27831. .4, 935-941.					
Species Reactivity	Spe	cies reactivity is dete	ermined by testing	n at least one appro	ved application (e.g., w	estern blot).			
Western Blot Buffer		ORTANT: For weste 6 Tween® 20 at 4°C			d primary antibody in 5 ⁰	% w/v BSA, 1X TBS,			
Applications Key		: 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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Nod1 Antibody (#3545) Datasheet Without Images Cell Signaling Technology

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