p38δ MAPK Antibody	С	Cell Signaling	
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com	
4	Support:	877-678-TECH (8324)	
#9214	Web:	info@cellsignal.com cellsignal.com	
6 #	3 Trask Lane Danvers Mas	sachusetts 01923 USA	

For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W	Reactivity: H R Mk	Sensitivity: Endogenous	MW (kDa): 43	Source/Isotype: Rabbit	UniProt ID: #O15264	Entrez-Gene Id 5603	
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 a 20°C. Do not aliquot the antibody.				lycerol. Store at –	
Specificity/Sensitivity		p38δ MAPK Antibody detects endogenous levels of total p38δ MAPK protein. This antibody does not cross-react with other isoforms of p38 MAPK.					
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of p386 MAPK. Antibodies are purified by protein A and peptide affinity chromatography.					
Background		kinase that participat 4). Four isoforms of p have been identified. stresses, including os growth factors (1-5). Tyr182. Activated p38 phosphorylate the tra fluorophenyl)-2-(4-mo This compound inhib HSP27 (9). SB203580	tes in a signaling cas 538 MAPK, p38α, β, γ . Similar to the SAPK smotic shock, inflam MKK3, MKK6, and SE 3 MAPK has been sho anscription factors A ethylsulfinylphenyl)- bits the activation of inhibits p38 MAPK c) or CSBP (2), is the man cade controlling cellular (also known as Erk6 or /JNK pathway, p38 MAPI matory cytokines, lipopo K activate p38 MAPK by pwn to phosphorylate ar TF-2 (5), Max (6), and MI 5-(4-pyridyl)-imidazole) i MAPKAPK-2 by p38 MAP atalytic activity by bindir by upstream kinases (1)	r responses to cytol SAPK3), and δ (also < is activated by a v olysaccharide (LPS), phosphorylation a nd activate MAPKAI EF2 (5-8). SB203580 is a selective inhibit 2K and subsequent ng to the ATP-bindi	kines and stress (1- known as SAPK4) ariety of cellular UV light, and t Thr180 and P kinase 2 (3) and to (4-(4- or of p38 MAPK. phosphorylation of	
Background Refe	rences	7. Zhao, M. et al. (199 8. Yang, S.H. et al. (19 9. Cuenda, A. et al. (1	Science 265, 808-11 4) Nature 372, 739-4 al. (1994) Cell 78, 103 (1995) J Biol Chem 2 1995) Proc Natl Acac 99) Mol Cell Biol 19, 2 999) Mol Cell Biol 19, 995) FEBS Lett 364, 2	5. 9-49. 70, 7420-6. / <i>Sci U S A</i> 92, 10531-4. 21-30. 4028-38.	5-31.		
Species Reactivity	/	Species reactivity is d	letermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot Buf	fer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key		W: Western Blotting					
Cross-Reactivity ł	(ey	H: Human R: Rat Mk: Monkey					
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