MKK3 Antibody



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Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 40	Source/Isotype: Rabbit	UniProt ID: #P46734	Entrez-Gene Id: 5606
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		MKK3 Antibody recognizes endogenous levels of total MKK3 protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human MKK3 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		 MKK3 and MKK6 be but do not phosphory dramatically stimulate and MKK6 are both ac 	oth phosphorylate a late or activate Erk' es its ability to phos tivated by different d MKK6 occurs thro	lual-specificity protein k and activate p38 MAP kir 1/2 or SAPK/JNK. Phosph phorylate protein substr forms of cellular stress ough phosphorylation at	nase at its activation norylation of p38 Ma rates such as ATF-2 and inflammatory o	n site, Thr-Gly-Tyr, AP kinase and Elk-1. MKK3 cytokines (4,5).
Background References		 Derijard, B. et al. (1995) Science 267, 682-685. Raingeaud, J. et al. (1995) J. Biol. Chem. 270, 7420-7426. Sluss, H.K. et al. (1994) Mol. Cell. Biol. 14, 8376-8384. Raingeaud, J. et al. (1996) Mol. Cell. Biol. 16(3), 1247-1255. Han, J. et al. (1996) J. Biol. Chem. 271, 2886-2891. 				
Species Reactiv	ity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		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 Key		H: Human M: Mouse R: Rat Mk: Monkey				
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