

9256#

Phospho-PKCδ/θ (Ser643/676) Antibody



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Applications: W, IHC-P	Reactivity: H M R Mk X	Sensitivity: Endogenous	MW (kDa): 78	Source/Isotype: Rabbit	UniProt ID: #Q05655, #Q04759	Entrez-Gene Id 5580, 5588
Product Usage Information		Application Western Blotting Immunohistochemistry (Paraffin)			Dilution 1:1000 1:50	
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		Phospho-PKCdelta/theta (Ser643/676) Antibody detects endogenous levels of PKCdelta only when phosphorylated at serine 643, and PKCtheta only when phosphorylated at serine 676. This antibody does not cross-react with the phosphorylated PKC isoforms alpha, beta, gamma or epsilon.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser643 of rat PKCdelta. Antibodies are purified by protein A and peptide affinity chromatography.				
Background						
Background References		 Nishizuka, Y. (1984) Nature 308, 693-8. Keranen, L.M. et al. (1995) Curr Biol 5, 1394-403. Mellor, H. and Parker, P.J. (1998) Biochem J 332 (Pt 2), 281-92. Ron, D. and Kazanietz, M.G. (1999) FASEB J 13, 1658-76. Moscat, J. and Diaz-Meco, M.T. (2000) EMBO Rep 1, 399-403. Baron, C.L. and Malhotra, V. (2002) Science 295, 325-8. Flynn, P. et al. (2000) J Biol Chem 275, 11064-70. 				

Species Reactivity

Species reactivity is determined by testing in at least one approved 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 IHC-P: Immunohistochemistry (Paraffin)

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey X: Xenopus

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