Phospho-BAP1 (Ser592) Antibody



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For Research Use Only Not for Use in Diagnostic Procedures

Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 95	Source/Isotype: Rabbit	UniProt ID: #Q92560	Entrez-Gene Id: 8314
Product Usage Information		Application Western Blotting Immunoprecipitation			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-BAP1 (Ser592) Antibody detects endogenous levels of BAP1 only when phosphorylated at Ser592.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser592 of human BAP1.				
Background		ubiquitin hydrolase the deubiquitinases, with as a nuclear localization deletion and null mutain vivo in cancer cell linactivity and the nuclear BAP1 does not have domplex (4), but its intrompex dimerization shown to interact with Phosphorylation of Se	at suppresses cell a UCH domain in it on signal in its C-te ation of BAP1 have ne survival and in a rect deubiquitinate reaction with BARI process (5). In addinand deubiquitinyl r592 on BAP1 was	priginally identified as a lagrowth (1). The protein buts N-terminal segment arminal segment arminal segment in lung and animal tumorigenesis incal are required for BAP1 ion activity towards the aD1 inhibits BRCA1/BARD ition to its interaction with late HCF-1, thereby contridentified at Cell Signalin for phosphorylation sit	pelongs to the UCH and a BRCA1 interact uent gene locus real breast cancers (1,2 dicate that both the function as a tumor autoubiquitinyled B 1 E3 activity by interact BRCA1/BARD1, Brolling its stability (6 and Technology (CST)	family of tion domain as well arrangement,). Mutation analysis deubiquitinase suppressor (3). RCA1/BARD1 E3 fering with the AP1 has also been bion domain as well as
Background References		 Jensen, D.E. et al. (1998) Oncogene 16, 1097-112. Buchhagen, D.L. et al. (1994) Int J Cancer 57, 473-9. Ventii, K.H. et al. (2008) Cancer Res 68, 6953-62. Mallery, D.L. et al. (2002) EMBO J 21, 6755-62. Nishikawa, H. et al. (2009) Cancer Res 69, 111-9. Misaghi, S. et al. (2009) Mol Cell Biol 29, 2181-92. Rush, J. et al. (2005) Nat Biotechnol 23, 94-101. 				
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 IP: Immunoprecipitation				

Cross-Reactivity Key

H: Human

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