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## Phospho-DAPP1/BAM32 (Tyr139) (D7G4G) Rabbit mAb



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Applications: W, W-S, IP	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 29	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #Q9UN19	Entrez-Gene Id: 27071
Product Usage Information		<b>Application</b> Western Blotting Simple Western™ Immunoprecipitation			<b>Dilution</b> 1:1000 1:50 - 1:250 1:200	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sen	sitivity	Phospho-DAPP1/BAM32 (Tyr139) (D7G4G) Rabbit mAb recognizes endogenous levels of DAPP1/BAM32 protein only when phosphorylated at Tyr139.				
Source / Purifie	cation			nunizing animals with a yr139 of human DAPP1.		eptide
Background		adaptor protein that r transduction downstra amino-terminal SH2 d PI3K-derived phospho specific tyrosine resid indicate that phospho signaling (2,3). The an targets. As a result of by coordinating meml pathways (1,4). DAPP1 dendritic cell (DC) mat that the DAPP1/BAM3 mediated signaling pa Research studies show intact PH domain in D recruitment of DAPP1 Tyr139 inhibits BCR in	nediates the recruit eam of the B cell re lomain and a carbo pinositides (i.e., PIP- ues and translocate nylation and translo nino-terminal SH2 of these interactions, brane-localized inter I/BAM32 is express turation and localize 2 adaptor may play athways (5). w that phosphorylar APP1/BAM32, and i /BAM32 by phosph ternalization and ref	d 3-phosphoinositides (I tment and interaction of ceptor (BCR) (1). The DA xy-terminal pleckstrin he by the cytoplasm to be a construction of DAPP1/BAM3. Iomain binds to PLCy2 a DAPP1/BAM32 can adjue the cytoplasm to be a construction of DAPP1/BAM32 and ation to contact sites be a role in the activation tion of DAPP1/BAM32 at s likely performed by Sr oinositides (6). Blocking educes cellular F-actin le lating actin-dependent i	f molecules required PP1/BAM32 protein omology (PH) doma DAPP1/BAM32 is ph o the membrane. Re 2 is strongly depend and other tyrosine-p st the response to r is of distinct signal t 8 lymphocytes; high tween DC and allog of T cells through M : Tyr139 is PI3K-depic c-family kinases foll phosphorylation of vels, suggesting tha	d for signal contains an in that binds to iosphorylated at search studies lent upon PI3K hosphorylated eceptor activation ransduction expression during enic T cells suggest IHC class I- endent, requires an owing membrane DAPP1/BAM32 at at phosphorylation
Background Re	eferences	1. Marshall, A.J. et al. ( 2. Marshall, A.J. et al. ( 3. Anderson, K.E. et al 4. Richards, S. et al. (2 5. Ortner, D. et al. (201 6. Dowler, S. et al. (200 7. Niiro, H. et al. (2004 8. Allam, A. et al. (2004	(2000) <i>J Exp Med</i> 19 . (2000) <i>Curr Biol</i> 10 008) <i>Immunol Rev</i> 1) <i>J Immunol</i> 187, 2 00) <i>Biochem J</i> 349, 6 1) <i>J Immunol</i> 173, 56	1, 1319-32. 0, 1403-12. 224, 183-200. 3972-8. 505-10. 501-9.		
Species Reactiv	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ir	ר 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting V	<b>V-S:</b> Simple Westerr	<b>™ IP:</b> Immunoprecipita	tion	
Cross-Reactivit	ty Key	H: Human				

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