Phospho-SHIP2 (Tyr1135) Antibody



-



Orders:	877-616-CELL (2355) orders@cellsignal.com
Support:	877-678-TECH (8324)
Web:	info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 160	Source/Isotype: Rabbit	UniProt ID: #O15357	Entrez-Gene Id: 3636
Product Usage Information	2	Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM so 20°C. Do not aliquot t		5), 150 mM NaCl, 100 µg/	/ml BSA and 50% gl	ycerol. Store at –
Specificity/Sen	sitivity	Phospho-SHIP2 (Tyr11 Tyr1135.	135) Antibody detec	ts endogenous levels of	SHIP2 when phosp	horylated at
Source / Purifi	cation		dues surrounding T	munizing animals with a yright of the second s		
Background		phosphatidylinositol-3 cytosolic phosphatase its carboxy terminus (through binding of its phosphorylation on th motif is essential for t growth, cell cycle arre located in one of the N SHIP2, a homolog of S negatively regulates in hyperglycemia (9). Ref	8,4,5-triphosphate t with an SH2 doma 1,2). Upon receptor SH2 domain to the ne NPXY motif (2). T he regulatory funct st, and apoptosis is NPXY motifs in SHIF SHIP1, is highly exp nsulin signaling (8) cent studies also su	HIP1) is a hematopoietic o phosphatidylinositol-3 in in its amino terminus cross-linking, SHIP is fir phospho-tyrosine in the he membrane relocaliza ion of SHIP1 (3-5). Its eff mediated through the F 1, and its phosphorylati ressed in heart, skeletal and polymorphisms in S ggest SHIP2 as a therap 135 is phosphorylated in	3,4-bisphosphate (1) and two NPXY Shc est recruited to the r e ITIM motif (2), foll tion and phosphory fect on calcium flux, PI3K and Akt pathwo on is important for muscle and placent HIP2 have been lind eutic target for the	. SHIP1 is a binding motifs in nembrane junction owed by tyrosine /lation on the NPXY . cell survival, ays (3-5). Tyr1022 is SHIP1 function (6). ca (7). SHIP2 ked to treatment of both
Background R	eferences	1. Tridandapani, S. et a 2. Liu, L. et al. (1997) <i>J</i> 3. Malbec, O. et al. (20 4. Carver, D.J. et al. (20 5. Scharenberg, A.M. e 6. Sattler, M. et al. (200 7. Pesesse, X. et al. (19 8. Wada, T. et al. (200 10. Sasaoka, T. et al. (200 10. Sasaoka, T. et al. (200 11. Liang, X. et al. (200 12. Dyson, J.M. et al. (201 13. Goss, V.L. et al. (200 14. Guo, A. et al. (200 15. Rikova, K. et al. (200	Biol Chem 272, 898 001) J Biol Chem 276 000) Blood 96, 1449 et al. (1998) EMBO J 01) J Biol Chem 276 097) Biochem Bioph 1) Mol Cell Biol 21, 1 6) Pancreas 33, 63- 2006) Pharmacol Th 06) Proteomics 6, 49 2005) Int J Biochem 066) Blood 107, 488 8) Proc Natl Acad Sc	33-8. 53-8. 54. 55. 17, 1961-72. 2451-8. 595 <i>Res Commun</i> 239, 69 633-46. 7. 54-64. <i>Cell Biol</i> 37, 2260-5. 8-97. <i>i USA</i> 105, 692-7.	17-700.	
Species Reacti	vity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot E	Buffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ii	n 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				
Cross-Reactivi	ty Key	H: Human				

Trademarks and Patents	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.			
	All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.			
Limited Uses	Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.			
	Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.			