## Phospho-Afadin (Ser1718) Antibody





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

Applications: W	Reactivity: H	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 205	<b>Source/Isotype:</b> Rabbit	UniProt ID: #P55196	Entrez-Gene Id: 4301
Product Usage Information		<b>Application</b> 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-Afadin (Ser1 phosphorylated at ser		cts endogenous levels o	f l-afadin protein or	ıly when
Species predict based on 100% homology		Mouse, Rat, Monkey, I	Dog			
Source / Purific	ation		dues surrounding S	nmunizing animals with a Ser1718 of human afadir		
Background		maintenance of cell pe epithelium and endot cell-cell contacts linkir protein, Afadin, binds nectin assembles cadl formation and mainte expressed, and s-afad lacking one of the thro binding region (6). Hu myeloid leukemias (7) directionality of cell m Phospho-Afadin (Ser1 (CST) using PhosphoS Ser1718 was discovered	olarity. Tight junction helium (reviewed ir ng cells into a conti to nectin forming a herin at the cell-cel mance of TJs (4,5). A in, which is express ee proline-rich regi man s-afadin is ide . Recent work has a ovement when it is 718) Antibody is din can <sup>®</sup> , CST's LC-MS/ ed using an Akt sub	unctions play essential mons (TJs) form a continuous of 1). Adherens junctions in the acting a connection to the acting adhesion site and these adhesion site and these afadin has two splice varsed predominantly in neutrons found in l-afadin, as nitical to AF-6, the ALL-1 also shown that afadin is clocalized at the leading rected at a site that was a MS platform for modifications for motion.	us barrier to fluids (AJs) are dynamic st a 2). The actin filame cytoskeleton (3). AJ junctions are then iants: l-afadin, whic ural tissue. s-Afadin well as the carboxy fusion partner invo involved in control edge of moving cel identified at Cell Sig ation site discovery. visit PhosphoSitePlu	across the ructures that form ent-binding Is are formed when involved in the h is ubiquitously is a shorter form I-terminal F-actin Ived in acute ling the Is (8,9). Inaling Technology Phosphorylation at
Background Re	eferences	1. Shin, K. et al. (2006) 2. Harris, T.J. and Tepa 3. Ikeda, W. et al. (199 4. Sato, T. et al. (2006) 5. Ooshio, T. et al. (200 6. Mandai, K. et al. (19 7. Prasad, R. et al. (19 8. Miyata, M. et al. (20 9. Miyata, M. et al. (20	nss, U. (2010) Nat Ri 9) J Cell Biol 146, 11 J Biol Chem 281, 52 07) J Cell Sci 120, 23 197) J Cell Biol 139, 5 93) Cancer Res 53, 5 09) J Cell Sci 122, 43	<i>ev Mol Cell Biol</i> 11, 502-1 17-32. 288-99. 52-65. 517-28. 5624-8. 319-29.	4.	
Species Reactiv	/ity	Species reactivity is de	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot B	uffer	IMPORTANT: For west TBS, 0.1% Tween® 20		membrane with diluted shaking, overnight.	primary antibody ii	ו 5% w/v BSA, 1X
Applications K	ey	W: Western Blotting				
Cross-Reactivit	у Кеу	H: Human				

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