e at -20C	PEAK1 (D4G6J) Rabbit mAb		Cell Signaling		
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Applications: WB	Reactivity: H	: Sensitivity: Endogenous	MW (kDa): 250	Source/Isotype: Rabbit IgG	UniProt ID: #Q9H792	Entrez-Gene Id: 79834		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
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 / Sensitivity		PEAK1 (D4G6J) Rabbit mAb recognizes endogenous levels of total PEAK1 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Thr695 of human PEAK1 protein.						
Background Background Refer	ences	PEAK1 (Pseudopodium- kinase family identified b a N-terminal Erk binding site, Shc binding site, an Grb2, Src, and others, P the Src/PEAK1/ErbB2 (3 fibronectin/PEAK1/Src (6 processes including epitl metastatic growth and in Tyr665 or Tyr635 by SFk and invasion as well as t 1. Wang, Y. et al. (2010) 2. Kelber, J.A. and Kleml 3. Kelber, J.A. et al. (2013) 5. Agajanian, M. et al. (2 6. Agajanian, M. et al. (2 7. Bristow, J.M. et al. (2 9. Croucher, D.R. et al. (2)	y MS analysis o site, followed by d a C-terminal k EAK1 functions), EGFR Shc1/F 3) pathways. PE, helial-mesenchy vasion as well a 4 (Src family Kin he turnover of fo <i>Proc Natl Acad</i> (Src family Kin he turnover of fo (Src family Kin he turnove	f purified psedopodium v actin-targeting/Src sub inase domain (1, 2). By as an important regulate PEAK1/Grb2(4), TGFβ/P AK1 plays an instrumen mal transition (EMT), dy s cancer drug resistance ases) has been shown to yeal adhesions (7, 9). Sci U S A 107, 10920-5. Directarget 1, 219-23. 72, 2554-64. 6-71. 10, e0135748. iophys Res Commun 46 v 288, 123-31. 74, 6671-81.	(1). PEAK1 is a multi- strate/Erk substrate re- interacting with differe or in different signaling EAK1/Src/MAPK (5), i tal role in a wide varie mamics of focal adhes e (3, 5-8). Phosphoryla o be essential for can	domain protein with egion, Crk binding ent adaptors like Shc, pathways, namely and ty of biological sion, cancer ation of PEAK1 at		
Species Reactivity	, s	Species reactivity is deter	mined by testing	g in at least one approve	ed application (e.g., we	estern blot).		
Western Blot Buffe		MPORTANT: For westerr nilk, 1X TBS, 0.1% Twee				% w/v nonfat dry		
Applications Key	,	WB: Western Blotting						
Cross-Reactivity K	X	H: human M: mouse R: ra K: Xenopus Z: zebrafish I GP: Guinea Pig Rab: rab	B: bovine Dg: de	og Pg: pig Sc: S. cerevi				
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Limited Uses	fo	Except as otherwise expr following terms apply to P conditions that are in add	Products provide	d by CST, its affiliates of	its distributors. Any C	customer's terms and		

PEAK1 (D4G6J) Rabbit mAb (#72908) Datasheet Without Images Cell Signaling Technology

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