e at -20C	Phospho-Gab1 (Tyr659) Antibody	H.	Cell Signaling	
Store at		Orders:	877-616-CELL (2355) orders@cellsignal.com	
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For Research Use Only	y. Not for Use in Diagnostic Procedu	ires
	y, Not for 03c in Diagnostic i roccut	1103.

Applications: WB, IP	Reactivity: H	Sensitivity: Endogenous	<b>MW (kDa):</b> 110	Source: Rabbit	<b>UniProt ID:</b> #Q13480	Entrez-Gene Id: 2549		
Product Usage Information	We	<b>Dlication</b> stern Blotting nunoprecipitation	<b>Dilution</b> 1:1000 1:50					
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensiti	····,	Phosho-Gab1 (Tyr659) Antibody recognizes endogenous levels of Gab1 protein only when phosphorylated at Tyr659.						
Species predicted t react based on 100 sequence homolog	%	se, Rat						
Source / Purificatio	to re	Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Tyr659 of human Gab1 protein. Antibodies are purified by protein A and peptide affinity chromatography.						
Background	rece antig men sites kina: Phos	ptor tyrosine kinase: jen receptors. Upon ibrane where it is ph of Gab1 protein hav se (6,7). Phosphoryl	s (RTKs) such as E stimulation of RTK hosphorylated and ve been identified ( lation of Gab1 at Ty 27 and Tyr659 is re	EGFR, HGFR, insuli (s by their cognate I functions as a scaff (5). Phosphorylatior yr307, Tyr373 and T	proteins recruited by a w in receptor, cytokine rece igand, Gab is recruited t old (1-4). Multiple tyrosir n of Tyr472 regulates its Tyr407 modulates its ass ding to and activation of	eptor and B cell o the plasma ne phosphorylation binding to p85 PI3 ociation to PLCy (8).		
Background Refere	2. W 3. Ta 4. In 5. Le 6. Re 7. Yu 8. Gi	Digado-Madruga, M. eidner, K.M. et al. (1 kahashi-Tezuka, M. gham, R.J. et al. (20 hr, S. et al. (1999) <i>E</i> occhi, S. et al. (1998) I, C.F. et al. (2001) J Jal, P. et al. (2000) ( Junnick, J.M. et al. (2	996) Nature 384, 2 et al. (1998) Mol. 001) J Biol Chem 2 Biochemistry 38, 1 Biol Chem 276, 3 Dncogene 19, 1505	173-176. <i>Cell. Biol.</i> 18, 4109- 76, 12257-65. 51-159. 12, 914-923. 2552-8. Ə-18.	4117.			
Species Reactivity	Spec	es reactivity is deter	rmined by testing ir	n at least one appro	ved application (e.g., we	estern blot).		
Western Blot Buffe		RTANT: For western Tween® 20 at 4°C v			d primary antibody in 5%	% w/v BSA, 1X TBS,		
Applications Key	WB:	Western Blotting IP	: Immunoprecipitat	ion				
Cross-Reactivity K	<b>X:</b> Xe	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected						

Trademarks and Patents

Limited Uses

Phospho-Gab1 (Tyr659) Antibody (#12745) Datasheet Without Images Cell Signaling Technology

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