Store at -20C

400

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Synip (C51G6) Rabbit mAb		Cell Signaling	
	Orders	877-616-CELL (2355) orders@cellsignal.com	
	Suppor	t: 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 M R	Sensitivity: Endogenous	MW (kDa): 62	Source/Isotype: Rabbit IgG	UniProt ID: #Q6ZWJ1	Entrez-Gene Id 252983	
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/Sensi	itivity	Synip (C51G6) Rabbit mAb detects endogenous levels of total Synip protein.					
Source / Purification Synip (C51G6) Rabbit mAb is produced by immunizing rabbits with a synthetic per to the sequence of human Synip.				h a synthetic peptio	de corresponding		
Background		translocation of the G Initiating this pathwa 4 are two proteins the membrane (2,3). Syni dissociation of the tw Glut4 translocation to prevents Glut4 from t	slut4 glucose transp y facilitates glucose ought to be involved p associates with Sy o proteins and allow plasma membrane translocating to plas	and initiates a signaling orter from its intracellul uptake in fat and skelet in the recruitment of G ntaxin 4 when insulin is vs Syntaxin 4 to complex (2-4). Overexpression o ma membrane in respo lates Glut 4 transport to	ar locations to the p cal muscle cells (1). 5 ilut4-containing ves absent. Insulin sign with VAMP2, which f a dominant-negat nse to insulin stimu	plasma membrane. Synip and Syntaxin sicles to plasma naling triggers the h is essential for tive form of Synip Ilation (3). Synip	
Background Ref	erences	2. Min, J. et al. (1999) 3. Yamada, E. et al. (2	<i>Mol. Cell</i> 3, 751-760 005) <i>J. Cell Biol.</i> 168,				
Species Reactivi	ty	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).	
Western Blot Bu	ffer	IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key	/	W: Western Blotting					
Cross-Reactivity	Кеу	H: Human M: Mouse	R: Rat				
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