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e at -20C	Vti1a (D8U3M) Rabbit mAb				
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
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Applications: WB, IP, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 26	Source/Isotype: Rabbit IgG	UniProt ID: #Q96AJ9	Entrez-Gene Id: 143187		
Product Usage Information	Ар	plication				Dilution		
information	We	estern Blotting				1:1000		
	Im	munoprecipitation				1:50		
	Im	munofluorescence (Immunocytochen	nistry)		1:100		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensit	ivity Vti1	Vti1a (D8U3M) Rabbit mAb recognizes endogenous levels of total Vti1a protein.						
Source / Purificatio		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Arg127 of human Vti1a protein.						
Background	Vti1 fund exh with imp syn Res	b. Human Vti1 was ctionally rescue the p ibit distinct but overl Vti1a also found in licated in a number taxin 16, and synapt	first identified as ohenotype of Vti1 apping localizatio the Golgi appara of protein-protein tobrevin (2-4). Instrate that Vti1a	a t-SNAREs homolog 1 (a homolog of the yeast .p-deficient yeast (1). Th on. Vti1a and Vti1b are b .tus and Vti1b in endosc interactions with partne a residing on synaptic ve	v-SNARE Vti1p and whe mammalian protein both localized in the tr mes (2). Vti1 proteins ers such as VAMP4, s	vas able to ns Vti1a and Vti1b ans-Golgi network, s have been yntaxin 6, syntaxin 8,		
Background References		ischer von Mollard, reykenbohm, V. et a ntonin, W. et al. (20 tlashkin, V. et al. (20 amirez, D.M. et al. (al. (2002) Eur J C 00) J Neurosci 2(003) Mol Cell Bio), 5724-32. / 23, 5198-207.	273, 2624-30.			
Species Reactivity	Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	vestern blot).		
Western Blot Buffe		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	WB	WB: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)						
Cross-Reactivity K	X: X	 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 						
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Vti1a (D8U3M) Rabbit mAb (#14764) Datasheet Without Images Cell Signaling Technology

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