

178630

Cross-Reactivity Key

Trademarks and Patents

H: Human

more information.

Phospho-Syntaxin 17 (Ser202) Antibody



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Applications:	Reactivity: H	Sensitivity: Transfected Only	MW (kDa): 40-42	Source/Isotype: Rabbit	UniProt ID: #P56962	Entrez-Gene Id: 55014
Product Usage Information		Application Western Blotting			Dilution 1:1000	
itorage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. <i>Do not aliquot the antibody.</i>				
Specificity/Sensitivity		Phospho-Syntaxin 17 (Ser202) Antibody recognizes transfected levels of syntaxin 17 protein only when phosphorylated at Ser202.				
Species predicte based on 100% s homology	ed to react sequence	Mouse, Rat				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phospho-peptide corresponding to residues surrounding Ser202 of human syntaxin 17 protein. Antibodies were purified by peptide affinity chromatography.				
Background		contents (1,2). Autoph- associated with a num neurodegeneration, in autophagosomes and SNAP29 (Qbc-SNARE sy vesicle-associated mer which is also involved	agy is generally act ber of physiologica fection, and cance required for autop ynaptosome-assoc nbrane protein 8), in autophagosome dent mitophagy, w	autophagosomic-lysosor ivated by conditions of rall processes, including dar (3). Syntaxin 17/STX17 hagosome fusion to lysolated protein 29) and the as well as BRUCE, an inhallysosome fusion (4,5).Shich is regulated by dep	nutrient deprivation evelopment, differe is a SNARE factor re osomes. Syntaxin 1' e lysosomal factor \ nibitor of apoptosis yntaxin 17 promote	n but has also been entiation, cruited to 7 interacts with PAMP8 (R-SNARE (IAP) protein, as initiation of
		. ,		by TBK1 promotes the f teraction with core com		•
Background References		 Reggiori, F. and Klionsky, D.J. (2002) Eukaryot Cell 1, 11-21. Codogno, P. and Meijer, A.J. (2005) Cell Death Differ 12 Suppl 2, 1509-18. Levine, B. and Yuan, J. (2005) J Clin Invest 115, 2679-88. Viret, C. and Faure, M. (2019) Trends Cell Biol 29, 1-3. Corona, A.K. and Jackson, W.T. (2018) Trends Cell Biol 28, 869-81. Xian, H. et al. (2019) Nat Commun 10, 2059. Kumar, S. et al. (2019) Dev Cell 49, 130-144.e6. 				
			·	2059.		
Species Reactivi	ity	7. Kumar, S. et al. (2019	9) <i>Dev Cell</i> 49, 130-	2059.		western blot).
Species Reactivi Western Blot Bu		7. Kumar, S. et al. (2019) Species reactivity is de IMPORTANT: For weste	9) <i>Dev Cell</i> 49, 130- termined by testinern blots, incubate	2059. 144.e6.	ed application (e.g., primary antibody i	

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