TPP2 Antibody		Cell Signaling	
Store at -	Orders:	877-616-CELL (2355) orders@cellsignal.com	
981	Support:	877-678-TECH (8324)	
#14981	Web:	info@cellsignal.com cellsignal.com	
#	3 Trask Lane Danvers Ma	ssachusetts 01923 USA	

For Research Use Only. Not for Use in Diagnostic Procedures.

	eactivity: I M R Mk	Sensitivity: Endogenous	MW (kDa): 140	Source: Rabbit	UniProt ID: #P29144	Entrez-Gene Id: 7174		
Product Usage	Ap	plication			Dilution			
Information	We	estern Blotting			1:1000			
	Im	munoprecipitation			1:100			
Storage	•	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensitivi		P2 Antibody recogniz a protein of unknown		e levels of total TPP2 protein. This antibody cross-reacts with a 35 e lysates.				
Source / Purification	resi		xy terminus of hum	nmunizing animals with a synthetic peptide corresponding to Iman TPP2 protein. Antibodies are purified by protein A and				
Background	pre cata free whi ami pre lym that and	dominantly in the cyt alytic triad that is cha a amino terminus of c ch proteolytic activity no acid homeostasis sentation (6,7) and D phoma cells, sugges t TPP2 proteolytic ac	oplasmic compartr aracteristic of serine bligopeptide substru- r is regulated by su s, research studies DNA-damage repai sting a possible role tivity is important fo	nent (1,2). The amir e proteases and allo ates (3). TPP2 is a l bunit oligomerizatio demonstrate that T r (8). TPP2 activity i e for TPP2 in oncog or regulating lysoso	ke amino peptidase that i no-terminal region of TPP was for TPP2 cleavage of arge (>5MDa) homooligo n (4,5). While TPP2 play PP2 is involved in MHC o s required for the surviva enesis (9). Additional res me abundance and glyco y, innate immunity, and n	P2 harbors a f tripeptides from the pmeric protease in rs a general role in class I antigen al of Burkitt's rearch studies show plytic metabolism		
Background Referend	2. T 3. H 4. S 5. T 6. S 7. Y 8. F 9. Q	iomkinson, B. (1999) iomkinson, B. and Lir filbi, H. et al. (2002) iogyit, G. et al. (2006) iomkinson, B. (2000) geifert, U. et al. (2006) iork, I.A. et al. (2006) ioreta, G. et al. (2009) Gavioli, R. et al. (2002) u, W. et al. (2014) C	ndås, A.C. (2005) / Biochim Biophys A J Biol Chem 281, Arch Biochem Bio 3) Nat Immunol 4, 3 1 J Immunol 177, 1 1 Biochem Biophys 1) Nat Cell Biol 3, 2	nt J Biochem Cell B cta 1601, 149-54. 25723-33. phys 376, 275-80. 375-9. 434-43. Res Commun 389,				
Species Reactivity	Spe	cies reactivity is dete	rmined by testing i	n at least one appro	oved application (e.g., we	estern blot).		
Western Blot Buffer		ORTANT: For wester 6 Tween® 20 at 4°C		ate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, laking, overnight.				
Applications Key	WB	: Western Blotting IP	•: Immunoprecipita	tion				
Cross-Reactivity Key	X: X		B: bovine Dg: dog	r Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse cies expected				
Trademarks and Patents	Cell	Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.						

TPP2 Antibody (#14981) Datasheet Without Images Cell Signaling Technology

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Limited Uses

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose, Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.