THEM2 Antibody		Cell Signaling TECHNOLOGY®	
Store at	Orders:	877-616-CELL (2355) orders@cellsignal.com	
13	Support:	877-678-TECH (8324)	
#42713	Web:	info@cellsignal.com cellsignal.com	
#	3 Trask Lane   Danvers   Mas	sachusetts   01923   USA	

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

Applications: WB, IP	Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 15	Source: Rabbit	UniProt ID: #Q9NPJ3	Entrez-Gene I 55856	
Product Usage Information	Ар	plication			Dilution		
	We	estern Blotting			1:1000		
	Im	munoprecipitation			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 / Sens	itivity The	THEM2 Antibody recognizes endogenous levels of total THEM2 protein.					
Source / Purificat	resi	Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human THEM2 protein. Antibodies are purified by protein A and peptide affinity chromatography.					
Background	tran pho whit	sfer protein), both e sphatidylcholines bi	enriched in liver, inte ind to PC-TP in the pression of insulin s	eract to form a comp complex (1). The co	HEM2 and PC-TP (pho: lex (1). Cell membrane- mplex in turn inhibits IR has also been shown to	bound S-2 and mTORC1,	
Background Refe		rsoy, B.A. et al. (20 ang, H.W. et al. (20	, -				
Species Reactivit	<b>y</b> Spec	ies reactivity is dete	ermined by testing i	n at least one appro	ved application (e.g., w	estern blot).	
Western Blot Buff		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key	WB	: Western Blotting <b>I</b>	P: Immunoprecipita	tion			
Cross-Reactivity	<b>X:</b> X:	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>					
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