e at -20C	PACT (D9N6J) Rabbit mAb		Cell Signaling	
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For Research Use Onl	v Not for Use in	Diagnostic Procedures.
FUI NESCAICH USE UNI		Diagnostic Frocedures.

Applications: WB, IP, eCLIP	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 30	Source/Isotype: Rabbit IgG	UniProt ID: #O75569	Entrez-Gene Id: 8575	
Product Usage Information	We Im eC	pplication estern Blotting munoprecipitation :LIP r more informatio	n about eCLIP	and the RBP-eCLIP	Dilution 1:1000 1:50 1:200 kit. please visit Ec	ipse	
Storage	Bio Sup	innovations. pplied in 10 mM sodi	ium HEPES (pH ⁻	7.5), 150 mM NaCl, 100 p not aliquot the antibody	μg/ml BSA, 50% glyc		
Specificity / Sensit	t ivity PAC	PACT (D9N6J) Rabbit mAb recognizes endogenous levels of total PACT protein.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human PACT protein.					
Background	acti inte hete (1,2 of E rece indu	vator of PKR (protei rferon (1). Stress sig erodimerize with PK 2). PACT has also be Dicer, thereby affecti ently, PACT has bee uced type I interferon a dystonia, a movem	n kinase R), a kir gnals such as ser R, resulting in the een shown to play ng the efficiency n shown to intera n production (5).	e R) is a double stranded nase that mediates the a rum starvation and arser e phosphorylation of eIF- y a role in RNA-mediate of miRNA accumulation act with RIG-I, a sensor Researchers have found re patients develop invo	ntiviral and antiprolife nite treatment induces -2α and inhibition of p d gene silencing by sti and siRNA gene silen of viral nucleic acids, a d that mutations in PA	rative actions of PACT to rotein synthesis imulating the activity cing (3,4). More and stimulates RIG-I- CT are associated	
Background Refer	2. P 3. L 4. K 5. K 6. B 7. C	Patel, R.C. and Sen, Patel, C.V. et al. (200 ee, Y. et al. (2006) <i>B</i> coscianska, E. et al. cok, K.H. et al. (2011) gragg, D.C. et al. (2012) camargos, S. et al. (2004)	00) J Biol Chem 2 EMBO J 25, 522-3 (2011) PLoS Ond L) Cell Host Micro (11) Neurobiol Dis 2008) Lancet Neu	75, 37993-8. 32. e 6, e28548. obe 9, 299-309. s 42, 136-47. urol 7, 207-15.			
Species Reactivity	y Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	estern 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 eCLIP: eCLIP					
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 					
Trademarks and Patents		Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc. XP is a registered trademark of Cell Signaling Technology, Inc.					

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