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e at -	TRRAP (P2032) Antibody		Cell Signaling	
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB	Reactivity: H M Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 434	Source: Rabbit	UniProt ID: #Q9Y4A5	Entrez-Gene Id: 8295		
Product Usage Information	•	ApplicationDilutionWestern Blotting1:1000						
Storage	•	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		TRRAP (P2032) Antibody detects endogenous levels of total TRRAP protein.						
Source / Purificat		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the human TRRAP protein. Antibodies are purified by peptide affinity chromatography.						
Background	four ace tran com tran E1A che DN/ stra ass in tr TRF ami erences 1. M 2. G 3. Ik 4. A 5. M 6. D 7. A 8. H 9. Li 10. M	nd in various multipro tyltransferase (HAT) a sactivation domains of pplexes to acetylate h scriptional activation proteins (1,6,7). TRI ckpoint and for norma A repair. As part of the nded DNA breaks an ociates with the MRN ne sensing and subse RAP shows significan	tein complexes, su activity (1-4). TRR. of transcriptional a iistone proteins an and cell transform RAP is also essent al cell cycle progre e TIP60 complex, d subsequent DN/ (MRE11, RAD50, equent repair of do t homology to the the catalytic site o (1998) <i>Cell</i> 94, 363 <i>Mol. Cell</i> 2, 863- <i>Cell</i> 102, 463-473. <i>EMBO J.</i> 18, 5106 2000) <i>Mol. Cell. B</i> <i>Oncogene</i> 20, 827 <i>Mol. Cell. Biol.</i> 22, <i>Nat. Genet.</i> 29, 2 <i>BO J.</i> 23, 4824-48 <i>Vat. Cell Biol.</i> 8, 91	Ich as SAGA, PCAF AP functions as an a ctivator proteins and d activate transcripti ation activities of c-N tial in early developr ssion (8,9). In additi TRRAP is required f A repair by homologo NBS1) complex, wi uble-stranded break PI-3 kinase domain f the kinase domain f the kinase domain f the kinase domain 3-374. 8-67. 3-5119. iol. 20, 556-562. 70-8275. 5650-5661. 206-211. 34. -99.	P) is a highly conserved ; NuA4 and TIP60, whic daptor protein by bindin l facilitating the recruitm on (1-5). TRRAP is requ Myc, E2F1, E2F4, p53 a nent and is required at tl on, TRRAP has been sh or the acetylation of hist bus recombination (10). nich lacks intrinsic HAT a s by non-homologous D of the ATM family of kina are not conserved in TR	h contain histone g directly to the ent of HAT hired for the nd the adenovirus ne mitotic hown to function in one H4 at double- In addition, TRRAP activity yet functions NA end-joining (11). ases; however,		
Species Reactivit	t <b>y</b> Spec	cies reactivity is deter	mined by testing in	n at least one approv	ved application (e.g., we	stern blot).		
Western Blot Buf		DRTANT: For westerr o Tween® 20 at 4°C v			d primary antibody in 5%	o w/v BSA, 1X TBS,		
Applications Key	WB	Western Blotting						
Cross-Reactivity	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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Limited Uses

TRRAP (P2032) Antibody (#3967) Datasheet Without Images Cell Signaling Technology

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