e at -20C	TDRD3 (D3O2G) Rabbit mAb	HE-	Cell Signaling	
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Applications: WB, IP	Reactivity: H M R Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 83	Source/Isotype: Rabbit IgG	UniProt ID: #Q9H7E2	Entrez-Gene Id: 81550			
Product Usage Information	-	plication estern Blotting			<b>Dilution</b> 1:1000				
	Imi	nunoprecipitation			1:50				
Storage	•	Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.							
Specificity / Sensitiv	vity TDF	TDRD3 (D3O2G) Rabbit mAb recognizes endogenous levels of total TDRD3 protein.							
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human TDRD3 protein.							
Background	di-m asso perf to ta redu asso	nethyl histone H3 (A pociated with transcr orms as a coactivat arget genes to reduc ucing genomic insta pociates with actively	rrg17) and asymn iption activation ( for (1). TDRD3 ac ce transcription-g bility (3). In additi translating polyri	D3) contains a tudor do netric di-methyl histone 1,2). TDRD3 is targeted ts as a scaffolding prote enerated R loops by rela on to the nucleus, TDRI ibosomes and accumula iptional regulation of RN	H4 (Arg3). Both of the to estrogen responsiv- ein to recruit Topoisom axing negatively super D3 also resides in the ates into stress granul-	se histone marks are ve genes where it erase III B (TOP3B) coiled DNA thereby cytoplasm where it			
Background Refere	2. G 3. Y	ang, Y. et al. (2010) oulet, I. et al. (2008 ang, Y. et al. (2014) nder, B. et al. (2008	) Hum Mol Gener Mol Cell 53, 484	t 17, 3055-74. -97.					
Species Reactivity	Spec	ies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	estern blot).			
Western Blot Buffer		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	WB: Western Blotting IP: Immunoprecipitation							
Cross-Reactivity Ke	<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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TDRD3 (D3O2G) Rabbit mAb (#5942) Datasheet Without Images Cell Signaling Technology

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