

# TP53RK Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant TP53RK.

Catalog # AT4312a

## Product Information

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<b>Application</b>	WB, IF, E
<b>Primary Accession</b>	<a href="#">Q96S44</a>
<b>Other Accession</b>	<a href="#">BC009727</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b kappa
<b>Clone Names</b>	2A9
<b>Calculated MW</b>	28160

## Additional Information

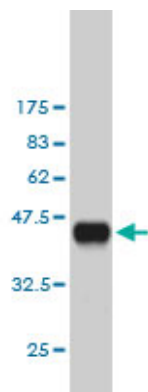
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<b>Gene ID</b>	112858
<b>Other Names</b>	TP53-regulating kinase, Atypical serine/threonine protein kinase TP53RK, EKC/KEOPS complex subunit TP53RK, 36--, Nori-2, p53-related protein kinase, TP53RK, C20orf64, PRPK
<b>Target/Specificity</b>	TP53RK (AAH09727, 154 a.a. ~ 253 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IF~~1:50~200 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	TP53RK Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

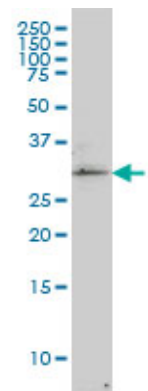
## References

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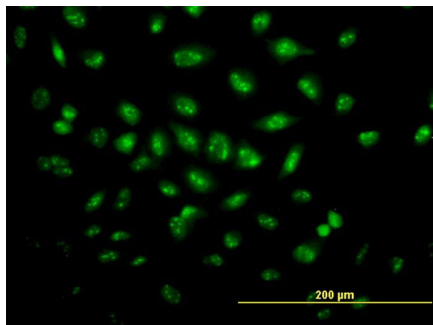
An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M, et al. Hum Genet, 2010 Oct. PMID 20677014. Phosphorylation and activation of the atypical kinase p53-related protein kinase (PRPK) by Akt/PKB. Facchin S, et al. Cell Mol Life Sci, 2007 Oct. PMID 17712528. A Small Ras-like protein Ray/Rab1c modulates the p53-regulating activity of PRPK. Abe Y, et al. Biochem Biophys Res Commun, 2006 May 26. PMID 16600182. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.



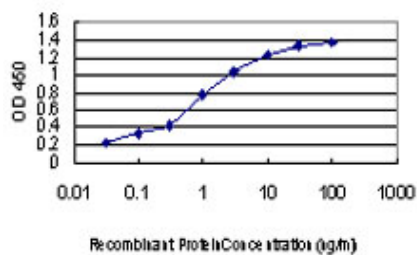
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



TP53RK monoclonal antibody (M02), clone 2A9 Western Blot analysis of TP53RK expression in COLO 320 HSR ( Cat # AT4312a )



Immunofluorescence of monoclonal antibody to TP53RK on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TP53RK is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.