

## TPT1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant TPT1.

Catalog # AT4328a

### Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P13693</a>
<b>Other Accession</b>	<a href="#">BC022436</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	2C4
<b>Calculated MW</b>	19595

### Additional Information

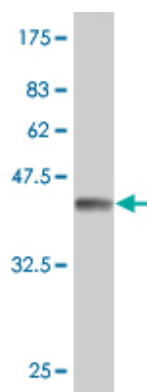
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<b>Gene ID</b>	7178
<b>Other Names</b>	Translationally-controlled tumor protein, TCTP, Fortilin, Histamine-releasing factor, HRF, p23, TPT1
<b>Target/Specificity</b>	TPT1 (AAH22436, 35 a.a. ~ 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 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>	TPT1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

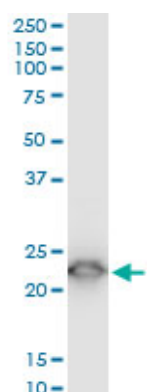
### References

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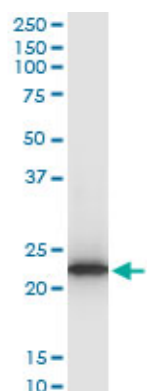
New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. H<sub>2</sub>O<sub>2</sub>-dependent translocation of TCTP into the nucleus enables its interaction with VDR in human keratinocytes: TCTP as a further module in calcitriol signalling. Rid R, et al. J Steroid Biochem Mol Biol, 2010 Jan. PMID 19815065. The role of translationally controlled tumor protein in tumor growth and metastasis of colon adenocarcinoma cells. Ma Q, et al. J Proteome Res, 2010 Jan. PMID 19621893. Critical roles of translationally controlled tumor protein in the homeostasis and TCR-mediated proliferation of peripheral T cells. Wu PS, et al. J Immunol, 2009 Aug 15. PMID 19605695. Molecular basis of the acceleration of the GDP-GTP exchange of human ras homolog enriched in brain by human translationally controlled tumor protein. Dong X, et al. J Biol Chem, 2009 Aug 28. PMID 19570981.



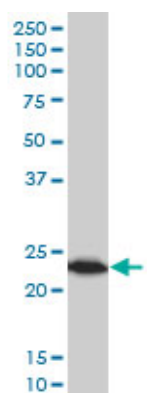
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.18 KDa) .



TPT1 monoclonal antibody (M03), clone 2C4. Western Blot analysis of TPT1 expression in PC-12((Cat # AT4328a )

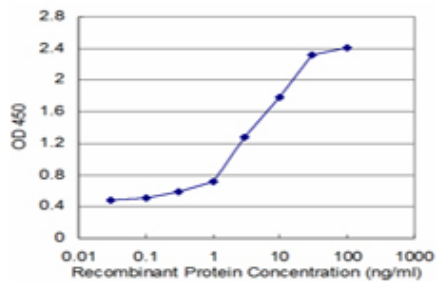
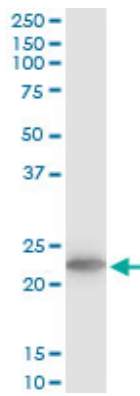


TPT1 monoclonal antibody (M03), clone 2C4. Western Blot analysis of TPT1 expression in Raw 264.7((Cat # AT4328a )



TPT1 monoclonal antibody (M03), clone 2C4 Western Blot analysis of TPT1 expression in MCF-7 ( (Cat # AT4328a )

TPT1 monoclonal antibody (M03), clone 2C4. Western Blot analysis of TPT1 expression in NIH/3T3((Cat # AT4328a )



Detection limit for recombinant GST tagged TPT1 is approximately 0.3ng/ml as a capture antibody.

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