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anti-TPT1 antibody (AA 35-138)

Images

Publications



Overview

Quantity:	100 μg
Target:	TPT1
Binding Specificity:	AA 35-138
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TPT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant TPT1.
Immunogen:	TPT1 (AAH22436, 35 a.a. \sim 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GVDIVMNHHL QETSFTKEAY KKYIKDYMKS IKGKLEEQRP ERVKPFMTGA AEQIKHILAN FKNYQFFIGE NMNPDGMVAL LDYREDGVTP YMIFFKDGLE MEKC
Clone:	3C7
Isotype:	lgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TPT1
Alternative Name:	TPT1 (TPT1 Products)
Background:	Full Gene Name: tumor protein, translationally-controlled 1 Synonyms: FLJ27337,HRF,TCTP,p02
Gene ID:	7178
Pathways:	Response to Water Deprivation, Regulation of Cell Size, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

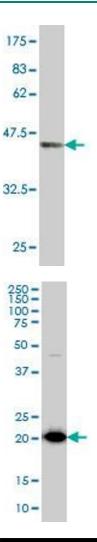
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Chen, Huang, Yuan, Cheng, Zhou: "Long-term artificial selection reveals a role of TCTP in
	autophagy in mammalian cells." in: Molecular biology and evolution , Vol. 31, Issue 8, pp. 2194-
	211, (2014) (PubMed).

Chen, Chen, Huang, Cheng, Zhou: "TCTP increases stability of hypoxia-inducible factor 1? by interaction with and degradation of the tumour suppressor VHL." in: **Biology of the cell / under the auspices of the European Cell Biology Organization**, Vol. 105, Issue 5, pp. 208-18, (2013) (PubMed).

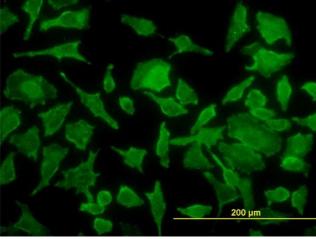


Western Blotting

Image 1. Western Blot detection against Immunogen (37.18 KDa) .

Western Blotting

Image 2. TPT1 monoclonal antibody (M01), clone 3C7 Western Blot analysis of TPT1 expression in HepG2.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to TPT1 on HeLa cell. [antibody concentration 30 ug/ml]

Please check the product details page for more images. Overall 4 images are available for ABIN563247.