

Datasheet for ABIN2460357 anti-MTF1 antibody

Image



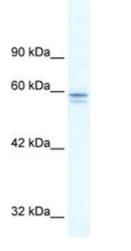
## Overview

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Quantity:	100 μL
Target:	MTF1
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MTF1.
Purification:	Antibody is purified by protein A chromatography method.
Target Details	
Target:	MTF1
Alternative Name:	MTF1 (MTF1 Products)
Background:	The zinc finger transcription factor MTF-1 (metal-responsive transcription factor-1) is conserved from insects to vertebrates. The major role of MTF-1 in both organisms is to control the transcription of genes involved in the homeostasis and detoxification of heavy metal ions such as Cu2+, Zn2+ and Cd2+. In mammals, MTF-1 serves at least two additional roles. First,
	targeted disruption of the MTF-1 gene results in death at embryonic day 14 due to liver

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	degeneration, revealing a stage-specific developmental role. Second, under hypoxic-anoxic stress, MTF-1 helps to activate the transcription of the gene placental growth factor (PIGF), an angiogenic protein.
Molecular Weight:	81 kDa
Gene ID:	4520
NCBI Accession:	NP_005946
UniProt:	Q14872
Application Details	
Application Notes:	MTF1 antibody can be used for detection of MTF1 by ELISA at 1:2500. MTF1 antibody can be used for detection of MTF1 by western blot at 5.0 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store MTF1 antibody at -20 °C.



Western Blotting

Image 1.

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