



# MTF1 rabbit pAb

Cat No.:ES9060

For research use only

## Overview

<b>Product Name</b>	MTF1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 260-340
<b>Specificity</b>	MTF1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Metal regulatory transcription factor 1 (MRE-binding transcription factor) (Transcription factor MTF-1)
<b>Gene Name</b>	MTF1
<b>Cellular localization</b>	Nucleus . Cytoplasm . Translocation to the nucleus is induced by metals. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	82kD
<b>Human Gene ID</b>	4520
<b>Human Swiss-Prot Number</b>	Q14872
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a transcription factor that induces expression of metallothioneins and other genes involved in metal homeostasis in response to heavy metals such as cadmium, zinc, copper, and silver. The protein is a nucleocytoplasmic shuttling protein that accumulates in the nucleus upon heavy metal exposure and binds to promoters containing a





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metal-responsive element (MRE). [provided by  
RefSeq, Jul 2008],



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