

# MTF1 rabbit pAb

Cat No.:ES9060

For research use only

## Overview

Product Name	MTF1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 260-340
Specificity	MTF1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Metal regulatory transcription factor 1 (MRE-binding transcription factor) (Transcription factor MTF-1)
Gene Name	MTF1
Cellular localization	Nucleus . Cytoplasm . Translocation to the nucleus is induced by metals. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	82kD
Human Gene ID	4520
Human Swiss-Prot Number	Q14872
Alternative Names	
Background	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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