

Rabbit MTF2 Polyclonal Antibody | anti-MTF2 antibody

MTF2 Antibody (Center)

CATALOG # AAA285646	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

MTF2; Polyclonal Antibody; MTF2 Antibody (Center); Metal-response element-binding transcription factor 2; Metal regulatory transcription factor 2; Metal-response element DNA-binding protein M96; Polycomb-like protein 2; hPCI2; PCL2; anti-MTF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MTF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-317 amino acids from the Central region of human MTF2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	289-317
Sequence Length	491
Applicable Applications for anti-MTF2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

MTF2 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the MTF2 antibody detected the MTF2 protein (arrow).



WB (Western Blot)

Western blot analysis of lysates from CEM, KG-1 cell line, mouse cerebellum and rat brain tissue lysate (from left to right), using MTF2 Antibody (Center). AAA285646 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)

Western blot analysis of lysate from mouse cerebellum tissue lysate, using MTF2 Antibody (Center). AAA285646 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-MTF2 antibody	MTF2 binds to the metal-regulating-element (MRE) of metallothionein-1A gene promoter. Binding is zinc-dependent (By similarity).
References	Wang, S., et al. Gene 343(1):69-78(2004) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Inouye, C., et al. DNA Cell Biol. 13(7):731-742(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	256419012
NCBI GeneID	22823
NCBI Accession #	NP_001157863.1; NP_001157865.1; NP_031384.1
NCBI GenBank Nucleotide #	NM_001164391.1
UniProt Accession #	Q9Y483; Q9UES9; Q9UP40; A6NGQ9; A8K2Q3; B1AKT5; B1AKT6
Molecular Weight	67106
NCBI Official Full Name	metal-response element-binding transcription factor 2 isoform c
NCBI Official Synonym Full Names	metal response element binding transcription factor 2
NCBI Official Symbol	MTF2
NCBI Official Synonym Symbols	M96; PCL2; TDRD19A; dJ976O13.2
NCBI Protein Information	metal-response element-binding transcription factor 2
UniProt Protein Name	Metal-response element-binding transcription factor 2
UniProt Gene Name	MTF2
UniProt Synonym Gene Names	PCL2; hPCI2
UniProt Entry Name	MTF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtf2-antibody-western-blot-elisa/285646>