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## MTF2 Polyclonal Antibody

Catalog No. E-AB-61511

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

**Reactivity** Human, Mouse, Rat

**Immunogen** Recombinant fusion protein of human MTF2

Host Rabbit
Isotype IgG

**Purification** Affinity purification

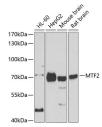
**Conjugation** Unconjugated

**Buffer** PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Applications** Recommended Dilution

**WB** 1:500-1:2000

## Data



Western blot analysis of extracts of various cell lines using MTF2 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:67kDa Calculated Mw:29kDa/55kDa/60kDa/67kDa

# **Preparation & Storage**

Storage Store at -20°C. Avoid freeze / thaw cycles.

### **Background**

Polycomb group (PcG protein that specifically binds histone H3 trimethylated at 'Lys-36' (H3K36me3 and recruits the PRC2 complex, thus enhancing PRC2 H3K27me3 methylation activity. Regulates the transcriptional networks during embryonic stem cell self-renewal and differentiation (By similarity. Promotes recruitment of the PRC2 complex to the inactive X chromosome in differentiating XX ES cells and PRC2 recruitment to target genes in undifferentiated ES cells (By similarity. Required to repress Hox genes by enhancing H3K27me3 methylation of the PRC2 complex (By similarity. In some conditions may act as an inhibitor of PRC2 activity: able to activate the CDKN2A gene and promote cellular senescence by suppressing the catalytic activity of the PRC2 complex locally (By similarity. Binds to the metal-regulating-element (MRE of MT1A gene promoter (By similarity.

#### For Research Use Only

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