

### PMF1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP19290c

# **Specification**

# PMF1 Antibody (Center) - Product Information

WB.E Application **Primary Accession** O6P1K2 Other Accession NP 009152.2 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 23339 Antigen Region 109-135

# PMF1 Antibody (Center) - Additional Information

Gene ID 100527963;11243

### **Other Names**

Polyamine-modulated factor 1, PMF-1, PMF1 {ECO:0000312|EMBL:AAH650311}

### Target/Specificity

This PMF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-135 amino acids from the Central region of human PMF1.

# **Dilution**

WB~~1:1000

# **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.

### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

PMF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

# PMF1 Antibody (Center) - Protein Information

Name PMF1 {ECO:0000312|EMBL:AAH65031.1}

**Function** Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of



NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.

### **Cellular Location**

Nucleus. Chromosome, centromere, kinetochore Note=Associated with the kinetochore

# **Tissue Location**

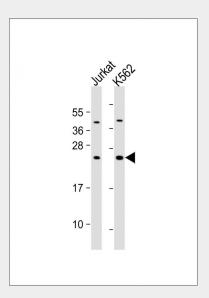
Highest levels of expression in heart and skeletal muscle, with significant levels expressed in kidney and liver

# PMF1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# PMF1 Antibody (Center) - Images



All lanes : Anti-PMF1 Antibody (Center) at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

# PMF1 Antibody (Center) - Background

Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.

# PMF1 Antibody (Center) - References





Aleman, A., et al. Clin. Cancer Res. 14(24):8236-8243(2008) Kline, S.L., et al. J. Cell Biol. 173(1):9-17(2006) Obuse, C., et al. Nat. Cell Biol. 6(11):1135-1141(2004) Wang, Y., et al. Biochem. J. 366 (PT 1), 79-86 (2002): Wang, Y., et al. Biochem. J. 355 (PT 1), 45-49 (2001):