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PMF1 Rabbit pAb

Catalog # AP98342

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6P1K2
Other Accession	Q6P1K2
Reactivity	Rat, Human
Predicted	Pig, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23339
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PMF1
Epitope Specificity	101-200/300
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Component of the CENPA-CAD complex, composed of CENPI, CENPK, CENPL, CENPO, CENPP, CENPQ, CENPR and CENPS. The CENPA-CAD complex interacts with the CENPA-NAC complex, at least composed of CENPA, CENPC, CENPH, CENPM, CENPN, CENPT and MLF1IP/CENPU.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NNF1R, also called PMF1, is part of the MIS12 complex, which may be fundamental for kinetochore formation and proper chromosome segregation during mitosis. It is required for chromosome congression and for correct operation of the spindle checkpoint. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.

Additional Information

Gene ID	11243
Other Names	PMF-1; PMF1; 2600009M07Rik; PMF1_HUMAN; PMF1_MOUSE; polyamine modulated factor 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.