

Product datasheet for **AP17562PU-N**

Myeloid leukemia factor 1 (MLF1) (N-term) Rabbit Polyclonal Antibody

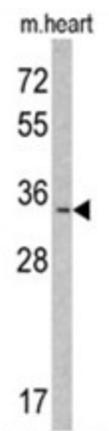
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human MLF1
Specificity:	This antibody reacts to Myeloid leukemia factor 1.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	myeloid leukemia factor 1
Database Link:	Entrez Gene 17349 Mouse Entrez Gene 4291 Human P58340
Background:	MLF1 is involved in lineage commitment of primary hemopoietic progenitors by restricting erythroid formation and enhancing myeloid formation. The protein interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. It suppresses RFD2/COP1 activity via CSN3 which activates p53 and induces cell cycle arrest. It binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus.
Synonyms:	MLF1
Protein Families:	Druggable Genome



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Product images:



Western blot analysis of MLF1 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). MLF1 (arrow) was detected using the purified Pab.