

Rabbit anti-Human, mouse MLF1 Polyclonal Antibody | anti-MLF1 antibody

MLF1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289115	Rabbit	Human, mouse	ELISA, Western Blot

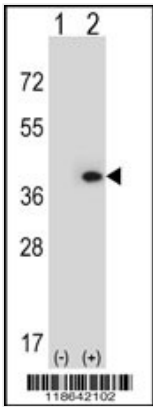
PRODUCT SYNONYMS

MLF1; Polyclonal Antibody; MLF1 Antibody (N-term); Myeloid leukemia factor 1; Myelodysplasia-myeloid leukemia factor 1; anti-MLF1 antibody

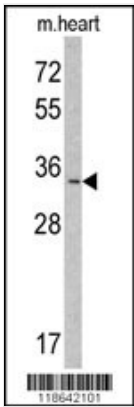
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 35-62 amino acids from the N-terminal region of human MLF1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	35-62
Sequence Length	258
Applicable Applications for anti-MLF1 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)
Western blot analysis of MLF1 (arrow) using rabbit polyclonal MLF1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MLF1 gene.



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

ADDITIONAL INFORMATION

Related Product Information for anti-MLF1 antibody	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 RFWD2/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.
Product Categories/Family for anti-MLF1 antibody	Cardiovascular; Cell biology; Signal transduction
References	Li,Z.F., J. Neurol. Sci. 264 (1-2), 77-86 (2008) Yoneda-Kato,N., EMBO J. 24 (9), 1739-1749 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328678
NCBI GeneID	4291
NCBI Accession #	NP_001123628.1; NP_001123629.1; NP_001182361.1; NP_001182362.1; NP_001182363.1; NP_071888.1
NCBI GenBank Nucleotide #	NM_001130156.2
UniProt Accession #	P58340; Q2TLE3; Q2TLE5; Q8N8F8; Q96MH1; E9PEU9
Molecular Weight	30627
NCBI Official Full Name	myeloid leukemia factor 1 isoform 2
NCBI Official Synonym Full Names	myeloid leukemia factor 1
NCBI Official Symbol	MLF1
NCBI Protein Information	myeloid leukemia factor 1
UniProt Protein Name	Myeloid leukemia factor 1
UniProt Gene Name	MLF1
UniProt Entry Name	MLF1_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.

