

Datasheet for ABIN453193
anti-MLF1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	MLF1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLF1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human MLF1
Specificity:	This antibody reacts to Myeloid leukemia factor 1.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	MLF1
Alternative Name:	Myeloid Leukemia Factor 1 (MLF1 Products)
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 RFW2/COP1 activity via CSN3 which

Target Details

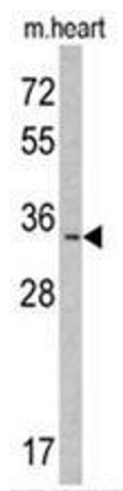
	activates p53 and induces cell cycle arrest. It binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus.Synonyms: MLF1
Gene ID:	4291
NCBI Accession:	NP_071888
UniProt:	P58340

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of MLF1 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). MLF1 (arrow) was detected using the purified Pab.