Product Name: **MCL1 Rabbit Polyclonal Antibody**
Catalog #: **APRab00406**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa

Antigen Information

Gene Name	MCL1
Alternative Names	MCL1; BCL2L3; Induced myeloid leukemia cell differentiation protein Mcl-1; Bcl-2-like protein 3; Bcl2-L-3; Bcl-2-related protein EAT/mcl1; mcl1/EAT
Gene ID	4170
SwissProt ID	Q07820
Immunogen	The antiserum was produced against synthesized peptide derived from human MCL1. AA range:91-140

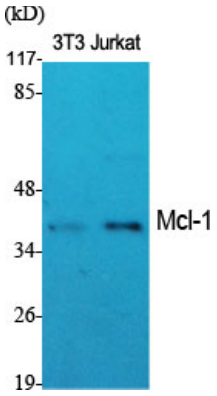
Background

MCL1 a myeloid cell leukemia protein of the Bcl-2 family of proteins. Two alternatively spliced transcripts encoding distinct isoforms have been identified. The longer gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene product (isoform 2) promotes apoptosis and is death-inducing.

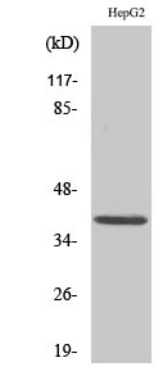
Research Area

Cell Biology

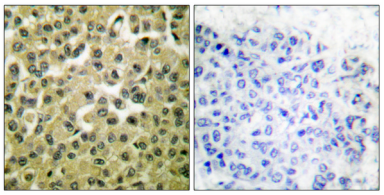
Image Data



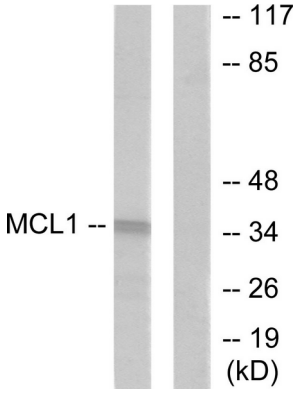
Western blot analysis of MCL1 in various lysates using MCL1 antibody.



Western blot analysis of MCL1 in Jurkat lysates using Mcl1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using MCL1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Western blot analysis of MCL1 in HUVEC lysates using MCL1 antibody.The lane on the right is blocked with the synthesized peptide.