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# Rabbit Anti-MCL1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52249

## Product Information

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|---|---|
| **Application** | WB, IF, IHC-P |
| **Primary Accession** | Q07820 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 37337 |

## Additional Information

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|---|---|
| **Gene ID** | 4170 |
| **Other Names** | TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT; Induced myeloid leukemia cell differentiation protein Mcl-1; Bcl-2-like protein 3; Bcl-2-related protein EAT/mcl1; MCL1 |
| **Dilution** | WB~~1/100~1/500 IF~~1:50~200 IHC-P~~N/A |
| **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

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|---|---|
| **Name** | MCL1 |
| **Synonyms** | BCL2L3 |
| **Function** | Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis. |
| **Cellular Location** | Membrane; Single-pass membrane protein. Cytoplasm. Mitochondrion. Nucleus, nucleoplasm Note=Cytoplasmic, associated with mitochondria |

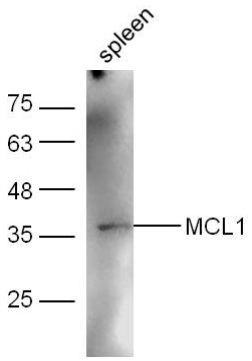
## Background

Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.

## References

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Umezawa A.,et al.Cell Struct. Funct. 21:143-150(1996).
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## Images




Mouse spleen lysates probed with Rabbit Anti-MCL1 Polyclonal Antibody, Unconjugated (AP52249) at 1:300 overnight at 4˚C. Followed by conjugation to secondary antibody at 1:5000 for 90 min at 37˚C.

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