

Rabbit Induced myeloid leukemia cell differentiation protein Mcl-1 Polyclonal Antibody | anti-MCL1 antibody

Anti-MCL1 Antibody

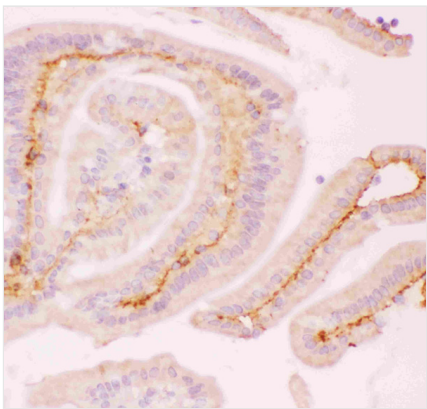
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46091	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

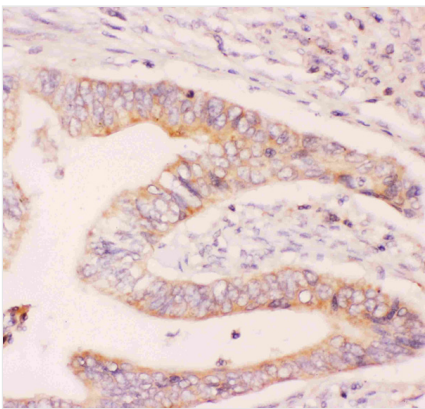
Induced myeloid leukemia cell differentiation protein Mcl-1; Polyclonal Antibody; Anti-MCL1 Antibody; Bcl 2 related protein EAT/mcl1 antibody; Bcl-2-like protein 3 antibody; Bcl-2-related protein EAT/mcl1 antibody; BCL2 related antibody; Bcl2-L-3 antibody; BCL2L3 antibody; EAT antibody; Induced myeloid leukemia cell differentiation protein Mcl 1 antibody; Induced myeloid leukemia cell differentiation protein Mcl-1 antibody; MCL 1 antibody; MCL1 antibody; MCL1-ES antibody; Mcl1/EAT antibody; MCL1_HUMAN antibody; MCL1L antibody; MCL1S antibody; MGC104264 antibody; MGC1839 antibody; Myeloid Cell Leukemia 1 antibody; Myeloid cell leukemia ES antibody; myeloid cell leukemia sequence 1 antibody; Myeloid cell leukemia sequence 1 BCL2 related antibody; Myeloid cell leukemia sequence 1 isoform 1 antibody; OTTHUMP00000032794 antibody; OTTHUMP00000032795 antibody; TM antibody; myeloid cell leukemia 1; anti-MCL1 antibody

PRODUCT SPECIFICATIONS

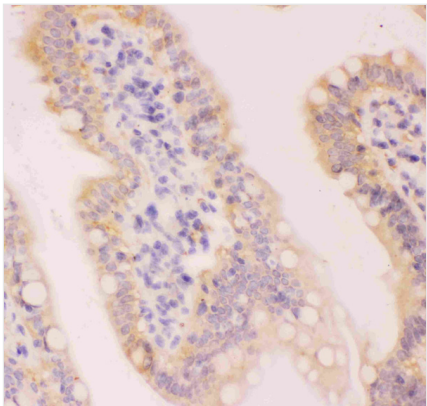
Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	197
Applicable Applications for anti-MCL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human MCL1 recombinant protein (Position: M1-R350). Human MCL1 shares 82% and 78% amino acid (aa) sequences identity with mouse and rat MCL1, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-MCL1 Picoband antibody, AAA46091-5.JPGIHC(P): Mouse Intestine Tissue



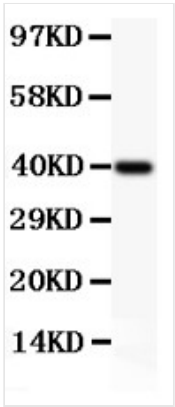
IHC (Immunohistochemistry)
Anti-MCL1 Picoband antibody, AAA46091-4.JPGIHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemisry)
Anti-MCL1 Picoband antibody, AAA46091-3.JPGIHC(P): Rat Intestine Tissue



Application Data
Anti-MCL1 Picoband antibody, AAA46091-2.jpgAll lanes: Anti MCL1 (AAA46091) at 0.5ug/mlLane 1: Rat Spleen Tissue Lysate at 50ugLane 2: HEPG2 Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugLane 4: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 37KDObserved bind size: 37KD



Application Data
Anti-MCL1 Picoband antibody, AAA46091-1.jpgAll lanes: Anti MCL1 (AAA46091) at 0.5ug/mlWB: Recombinant Human MCL1 Protein 0.5ngPredicted bind size: 40KDObserved bind size: 40KD

ADDITIONAL INFORMATION

Related Product Information for anti-MCL1 antibody	Description: Rabbit IgG polyclonal antibody for Induced myeloid leukemia cell differentiation protein Mcl-1(MCL1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: MCL1, also known as myeloid cell leukemia 1, is a protein that in humans is encoded the MCL1 gene. It is mapped to 1q21.3. MCL1 is a potent multidomain antiapoptotic protein of the BCL2 family that heterodimerizes with other BCL2 family members to protect against apoptotic cell death. MCL1 as an attractive candidate for regulation of hematopoietic stem cell homeostasis that is highly expressed in hematopoietic stem cells and regulated by growth factor signals. MCL1 is a critical and specific regulator essential for ensuring the homeostasis of early hematopoietic progenitors. During mitotic arrest, MCL1 protein levels decline markedly, through a posttranslational mechanism, potentiating cell death. Phosphorylation of MCL1 directs its interaction with the tumor suppressor protein FBW7, which is the substrate-binding component of a ubiquitin ligase complex.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	309747067
NCBI GeneID	4170
NCBI Accession #	NP_001184249.1
NCBI GenBank Nucleotide #	NM_001197320.1
UniProt Accession #	Q07820; Q9HD91; Q9NRQ3; Q9NRQ4; Q9UHR7; Q9UHR8; Q9UHR9; Q9UNJ1; B2R6B2; D3DV03; D3DV04
Molecular Weight	28,662 Da
NCBI Official Full Name	induced myeloid leukemia cell differentiation protein Mcl-1 isoform 3
NCBI Official Synonym Full Names	myeloid cell leukemia 1
NCBI Official Symbol	MCL1
NCBI Official Synonym Symbols	TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT
NCBI Protein Information	induced myeloid leukemia cell differentiation protein Mcl-1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; myeloid cell leukemia sequence 1 (BCL2-related)
UniProt Protein Name	Induced myeloid leukemia cell differentiation protein Mcl-1
UniProt Gene Name	MCL1
UniProt Synonym Gene Names	BCL2L3; Bcl2-L-3
UniProt Entry Name	MCL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/induced-myeloid-leukemia-cell-differentiation-protein-mcl-1-antibody-immunohistochemistry-western-blot-elisa/46091>