



# ML-IAP rabbit pAb

Cat No.:ES2798

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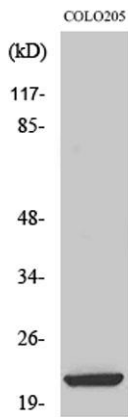
## Overview

<b>Product Name</b>	ML-IAP rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ML-IAP. AA range:162-211
<b>Specificity</b>	ML-IAP Polyclonal Antibody detects endogenous levels of ML-IAP protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Baculoviral IAP repeat-containing protein 7
<b>Gene Name</b>	BIRC7
<b>Cellular localization</b>	Nucleus . Cytoplasm . Golgi apparatus . Nuclear, and in a filamentous pattern throughout the cytoplasm. Full-length livin is detected exclusively in the cytoplasm, whereas the truncated form (tLivin) is found in the peri-nuclear region with marked localiz
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	21kD
<b>Human Gene ID</b>	79444
<b>Human Swiss-Prot Number</b>	Q96CA5
<b>Alternative Names</b>	BIRC7; KIAP; LIVIN; MLIAP; RNF50; Baculoviral IAP repeat-containing protein 7; Kidney inhibitor of apoptosis protein; KIAP; Livin; Melanoma inhibitor of apoptosis protein; ML-IAP; RING finger protein 50
<b>Background</b>	This gene encodes a member of the inhibitor of

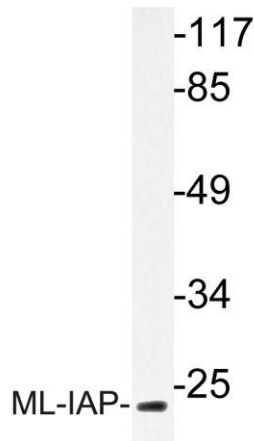




apoptosis protein (IAP) family, and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Elevated levels of the encoded protein may be associated with cancer progression and play a role in chemotherapy sensitivity. Alternative splicing results in multiple transcript variants [provided by RefSeq, Jul 2013],



Western Blot analysis of various cells using ML-IAP Polyclonal Antibody

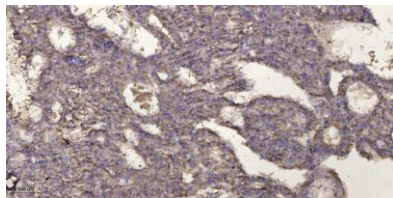


Western blot analysis of lysate from COLO cells, using ML-IAP antibody.





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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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