

产品名称: ML-IAP Rabbit Polyclonal Antibody
产品货号: AP Rab13949



产品概述 (Summary)

产品名称 (Production Name)	ML-IAP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BIRC7 BIRC7; KIAP; LIVIN; MLIAP; RNF50; Baculoviral IAP repeat-containing protein 7;
别名 (Alternative Names)	Kidney inhibitor of apoptosis protein; KIAP; Livin; Melanoma inhibitor of apoptosis protein; ML-IAP; RING finger protein 50
基因 ID (Gene ID)	79444.0
蛋白 ID (SwissProt ID)	Q96CA5.The antiserum was produced against synthesized peptide derived from human ML-IAP. AA range:162-211

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	21kDa

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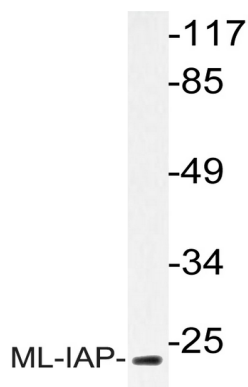


研究背景 (Background)

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], function: Protects against apoptosis induced by TNF or by chemical agents such as adriamycin, etoposide or staurosporine. Suppression of apoptosis is mediated by activation of MAPK8/JNK1, and possibly also of MAPK9/JNK2. This activation depends on TAB1 and NR2C2/TAK1. In vitro, inhibits caspase-3 and proteolytic activation of pro-caspase-9. Isoform 1 blocks staurosporine-induced apoptosis and isoform 2 blocks etoposide-induced apoptosis., similarity: Belongs to the IAP family., similarity: Contains 1 BIR repeat., similarity: Contains 1 RING-type zinc finger., subcellular location: Nuclear, and in a filamentous pattern throughout the cytoplasm., subunit: Binds to caspase-9. Interaction with SMAC via the BIR domain disrupts binding to caspase-9 and apoptotic suppressor activity. Interacts with TAB1. In vitro, interacts with caspase-3 and caspase-7 via its BIR domain., tissue specificity: Very low levels or not detectable in most adult tissues. Detected in adult heart, placenta, lung, lymph node, spleen and ovary, and in several carcinoma cell lines (isoform 1 and isoform 2). Isoform 2 (but not isoform 1) is detected in fetal kidney, heart and spleen, and at lower levels in adult brain, skeletal muscle and peripheral blood leukocytes.,

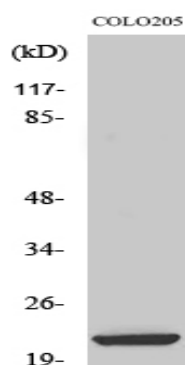
研究领域 (Research Area)

图片 (Image Data)



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

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

注意事项 (Note)

For research use only .