

产品名称: CPM Rabbit Polyclonal Antibody
产品货号: APRab09319



产品概述 (Summary)

产品名称 (Production Name)	CPM Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
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)	CPM
别名 (Alternative Names)	CPM; Carboxypeptidase M; CPM
基因 ID (Gene ID)	1368.0
蛋白 ID (SwissProt ID)	P14384.The antiserum was produced against synthesized peptide derived from human CPM. AA range:71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	51kDa

研究背景 (Background)

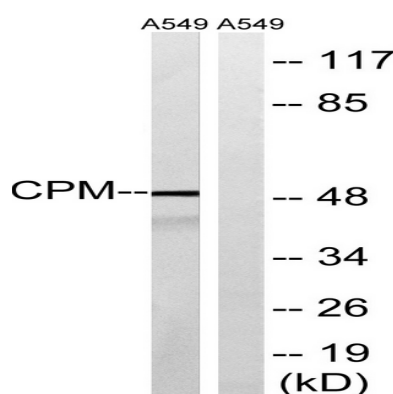
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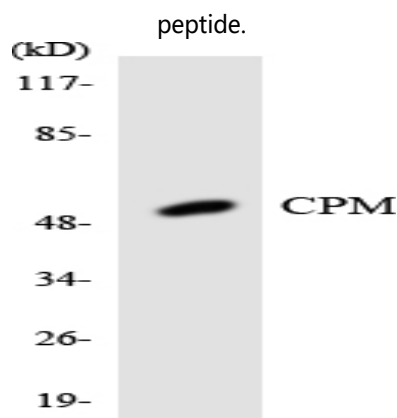
carboxypeptidase M(CPM) Homo sapiens The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq, Jul 2008],catalytic activity: Cleavage of C-terminal arginine or lysine residues from polypeptides.,cofactor: Binds 1 zinc ion per subunit.,enzyme regulation: Inhibited by O-phenanthroline and MGTA and activated by cobalt.,function: Specifically removes C-terminal basic residues (Arg or Lys) from peptides and proteins. It is believed to play important roles in the control of peptide hormone and growth factor activity at the cell surface, and in the membrane-localized degradation of extracellular proteins.,similarity: Belongs to the peptidase M14 family.,

研究领域 (Research Area)

图片 (Image Data)

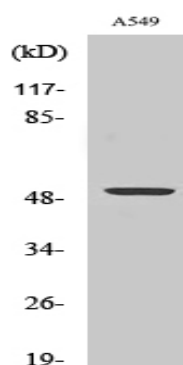


Western blot analysis of lysates from A549 cells, using CPM Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using CPM antibody.

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Western Blot analysis of various cells using CPM Polyclonal Antibody

注意事项 (Note)

For research use only .