

产品名称: AMPK beta 1 (1A7) Mouse Monoclonal Antibody
产品货号: AMM03496



产品概述 (Summary)

产品名称 (Production Name)	AMPK beta 1 (1A7) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG2a
克隆 (Clonality)	Monoclonal
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% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PRKAB1
别名 (Alternative Names)	5' '-AMP-activated protein kinase subunit beta-1; AMP-activated; noncatalytic; beta-1; AMPK; AMPK beta 1 chain; AMPK subunit beta-1; AMPK-BETA-1; AMPKb; HAMPKb; PRKAB1
基因 ID (Gene ID)	5564
蛋白 ID (SwissProt ID)	Q9Y478.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 30 kDa; Observed MW: 38 kDa

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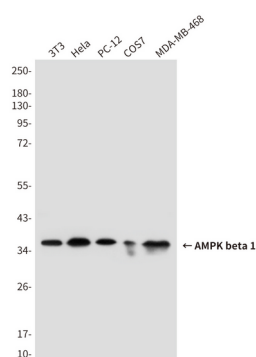
研究背景 (Background)

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes ($\alpha 1, 2$; $\beta 1, 2$; $\gamma 1, 2, 3$).

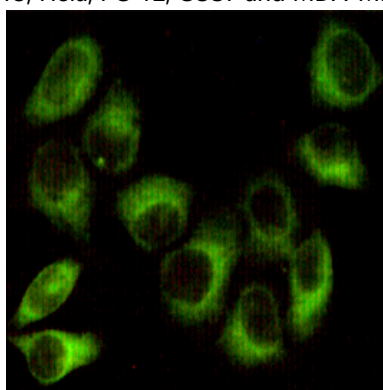
研究领域 (Research Area)

Signal Transduction

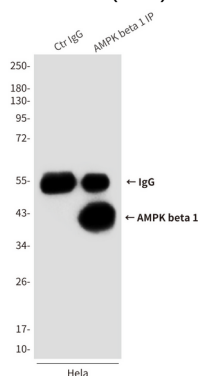
图片 (Image Data)



Western blot analysis of AMPK beta 1 in 3T3, HeLa, PC-12, COS7 and MDA-MB-468 lysates using AMPK beta 1 antibody.



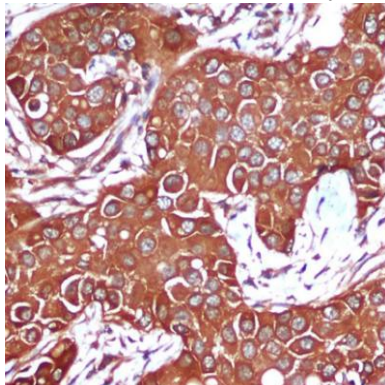
Immunocytochemistry analysis of AMPK beta 1 (1A7) in HeLa using AMPK beta 1 antibody.



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Immunoprecipitation analysis of AMPK beta 1 (1A7) in Hela lysates using AMPK beta 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Breast cancer using AMPK beta 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .