

产品名称: PP2Cε Rabbit Polyclonal Antibody
产品货号: APRab16399



产品概述 (Summary)

产品名称 (Production Name)	PP2Cε 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,Mouse,Rat

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)	PPM1L
别名 (Alternative Names)	PPM1L; PP2CE; Protein phosphatase 1L; Protein phosphatase 1-like; Protein phosphatase 2C isoform epsilon; PP2C-epsilon
基因 ID (Gene ID)	151742.0
蛋白 ID (SwissProt ID)	Q5SGD2.The antiserum was produced against synthesized peptide derived from human PPM1L. AA range:119-168

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)	42kDa

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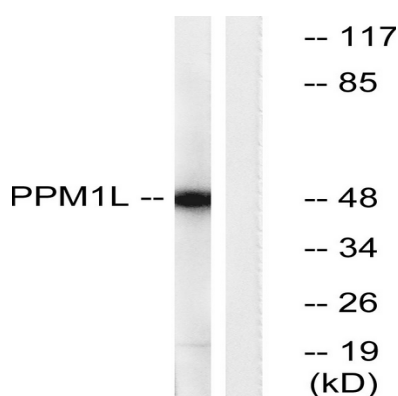


研究背景 (Background)

The protein encoded by this gene is a magnesium or manganese-requiring phosphatase that is involved in several signaling pathways. The encoded protein downregulates apoptosis signal-regulating kinase 1, a protein that initiates a signaling cascade that leads to apoptosis when cells are subjected to cytotoxic stresses. This protein also is an endoplasmic reticulum transmembrane protein that helps regulate ceramide transport from the endoplasmic reticulum to the Golgi apparatus. Finally, this gene may be involved in adiposity since it is upregulated in adipose tissues. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015], catalytic activity: A phosphoprotein + H₂O = a protein + phosphate, cofactor: Binds 2 magnesium or manganese ions per subunit, function: Acts as a suppressor of the SAPK signaling pathways by associating with and dephosphorylating MAP3K7/TAK1 and MAP3K5, and by attenuating the association between MAP3K7/TAK1 and MAP2K4 or MAP2K6, similarity: Belongs to the PP2C family, similarity: Contains 1 PP2C-like domain, subunit: Interacts with MAP3K7/TAK1 (By similarity). Interacts with MAP3K5, tissue specificity: Ubiquitous. Highly expressed in heart, placenta, lung, liver, kidney and pancreas.

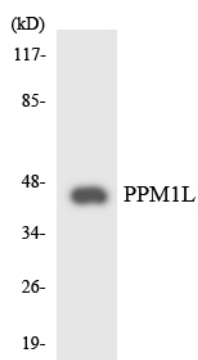
研究领域 (Research Area)

图片 (Image Data)

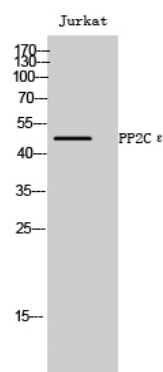


Western blot analysis of lysates from Jurkat cells, using PPM1L Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HepG2 cells using PPM1L antibody.



Western Blot analysis of Jurkat cells using PP2C ϵ Polyclonal Antibody

注意事项 (Note)

For research use only .