

产品名称: PERK Rabbit Monoclonal Antibody
产品货号: AMRe21506



产品概述 (Summary)

产品名称 (Production Name)	PERK Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ICC/IF,ELISA,IP
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,Kappa
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)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
纯化方式 (Purification)	Protein A

免疫原信息 (Immunogen)

基因名 (Gene Name)	PERK
别名 (Alternative Names)	EIF2AK3;PEK;PERK;Eukaryotic translation initiation factor 2-alpha kinase 3;PRKR-like endoplasmic reticulum kinase;Pancreatic eIF2-alpha kinase;HsPEK
基因 ID (Gene ID)	9451.0
蛋白 ID (SwissProt ID)	Q9NZJ5.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW:125kD;Observed MW:140kD

研究背景 (Background)

Cell localization:Endoplasmic reticulum membrane.The protein encoded by this gene phosphorylates the alpha subunit of

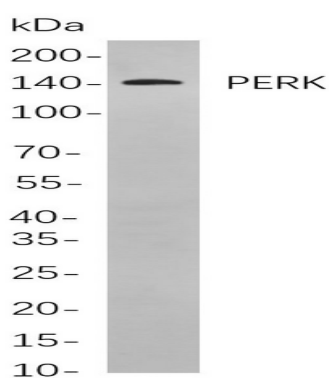
产品名称: PERK Rabbit Monoclonal Antibody
产品货号: AMRe21506



eukaryotic translation-initiation factor 2, leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. This protein is thought to modulate mitochondrial function. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome. [provided by RefSeq, Sep 2015],

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from HepG2

cells, using PERK Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

注意事项 (Note)

For research use only .