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Phospho-PERK (Ser1096) pAb

货号: ABY1261

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500-1:2000, IHC 1:50-1:200
理论分子量	125kDa
实测分子量	125KD-180kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.4.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Endoplasmic reticulum membrane
纯化	亲和纯化

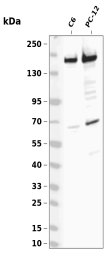
抗原信息

抗原信息	

靶点信息

研究背景	The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation fac tor 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 membra ne protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malfolde d proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.
基因ID	9451
基因名	EIF2AK3
Swiss	Q9NZJ5 (https://www.uniprot.org/uniprotkb/Q9NZJ5/entry)
别名	DKFZp781H1925; E2AK3_HUMAN; EC 2.7.11.1; Eif2ak3; Eukaryotic translation initiation factor 2 alpha kin ase 3; Eukaryotic translation initiation factor 2-alpha kinase 3; Heme regulated EIF2 alpha kinase; HRI; Hs PEK; Pancreatic eIF2 alpha kinase; Pancreatic eIF2-alpha kinase; PEK; PRKR like endoplasmic reticulum ki nase; PRKR-like endoplasmic reticulum kinase; WRS;

产品验证



Western blot analysis of extracts from P6，PC-12 cells using Phospho-PERK (Ser1096) at 1:500.

实验步骤

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