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# PERK Rabbit pAb

货号: **AYP11186**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens , Mus musculus , Misgurnus anguillicaudatus , Sus scrofa , Rattus norvegicus , Bos taurus , Chlorocebus aethiops
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	125kDa
实测分子量	140KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse thymus
细胞定位	Endoplasmic reticulum membrane,Single-pass type I membrane protein
纯化	Affinity purification

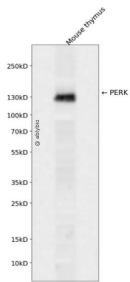
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 867-1116 of human PERK (NP_004827.4).
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## 靶点信息

研究背景	The protein encoded by this gene phosphorylates the alpha subunit of 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 malfolded proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.
基因ID	9451
基因名	EIF2AK3
Swiss	Q9NZJ5 ( <a href="https://www.uniprot.org/uniprotkb/Q9NZJ5/entry">https://www.uniprot.org/uniprotkb/Q9NZJ5/entry</a> )
别名	EIF2AK3,PEK,PERK,WRS,PERK Rabbit pAb,PRKR-like endoplasmic reticulum kinase,Pancreatic eIF2-alpha kinase,Protein tyrosine kinase EIF2AK3

## 产品验证



Western blot analysis of PERK expressed in Mouse thymus using PERK Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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