# **PERK Rabbit pAb**

Catalog No.: A25172



### **Basic Information**

### **Observed MW**

Refer to figures

### **Calculated MW**

125kDa

### Category

Primary antibody

### **Applications**

IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse

# **Background**

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.

### **Recommended Dilutions**

IF/ICC

1:50 - 1:200

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

Gene ID 9451 Swiss Prot Q9NZJ5

# Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

PEK; WRS; PERK

### **Contact**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
•	ī	www.abclonal.com.cn

### **Product Information**

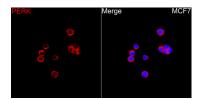
SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

# **Validation Data**



Immunofluorescence analysis of MCF7 cells using PERK Rabbit pAb(A25172) at a dilution of 1:200 (40x lens). Secondary antibody:Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.