

Rev. V1.1



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Recombinant Phospho-PERK (Thr980) Monoclonal Antibody

catalog number: AN301388L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse;Rat

Immunogen A synthetic peptide corresponding to residues around (Thr980) of Mouse Phospho-

PERK

 Host
 Rabbit

 Isotype
 IgG,κ

 Clone
 B1155

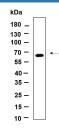
 Purification
 Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

Data



Western Blot with Recombinant Phospho-PERK (Thr980)

Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:

NIH/3T3 lysate.

Observed-MW:125 kDa

Calculated-MW:125 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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.

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