

A11938

Leader in Biomolecular Solutions for Life Science



PERK Rabbit pAb

Catalog No.: A11938

1 Publications

Basic Information

Observed MW

125kDa

Calculated MW

125kDa

Category

Mouse Monoclonal Antibody

Applications

WB

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 malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

9451

Swiss Prot

Q9NZJ5

Immunogen

A synthetic peptide of human PERK

Synonyms

PEK; WRS; PERK

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

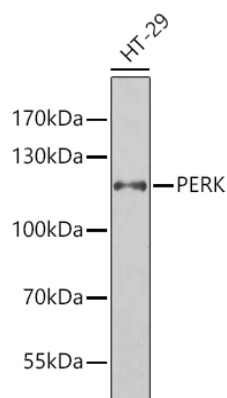
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of HT-29 cells, using PERK antibody (A11938).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.