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PERK Rabbit pAb

Catalog No.: A11938 **1 Publications**

Basic Information

Observed MW
125kDa

Calculated MW
125kDa

Category
Primary 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 malfolded 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
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
PEK; WRS; PERK

Contact

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Product Information

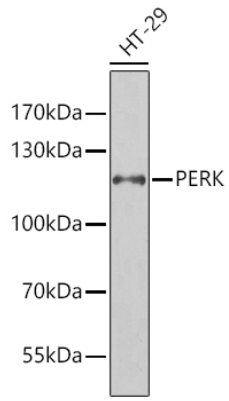
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HT-29 cells, using PERK Rabbit pAb (A11938).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.