Recombinant PERK Monoclonal Antibody

catalog number: **E-AB-81482**

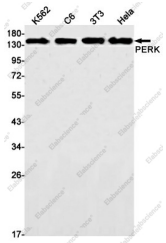
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human PERK
Host	Rabbit
Isotype	Rabbit IgG
Clone	C133268
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot detection of PERK in K562,C6,3T3,Hela cell lysates using PERK Rabbit mAb(1:1000 diluted).Predicted band size:125kDa.Observed band size:140kDa.

Observed-MW:140 kDa

Calculated-MW:125 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF 2), leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis.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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