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PERK Polyclonal Antibody

Cat #: G-AB-05490

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), 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.

Gene ID:

Accession #:

Immunogen: KLH conjugated Synthetic peptide corresponding to Human PERK

Conjugation: Unconjugated

Swissprot: Q9NZJ5

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1.4 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: IHC

Dilution: IHC 1:400-1000

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