

Anti-Human/Mouse/Rat Phospho-PERK (Thr981) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01879

3th Edition

Description: 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. Serves as a critical effector of unfolded protein response (UPR)-induced G1 growth arrest due to the loss of cyclin D1.

Antigen: Synthesized peptide derived from human PERK around the phosphorylation site of Thr981

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Ubiquitous. A high level expression is seen in secretory tissues.