

**Anti-Human/Mouse/Rat PERK Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA03877**

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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 non-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.