

PEK/PERK Polyclonal Antibody

Cat No: HR1AP10017

For research use only

Overview

| | |
|-----------------------|---|
| Product Name | PEK/PERK Polyclonal Antibody |
| Source | Rabbit |
| Applications | WB,ELISA |
| Species Reactivity | Human,Mouse,Rat |
| Recommended Dilutions | |
| Immunogen | |
| Species | Rabbit |
| Storage | -20°C/1 year |
| Isotype | |
| Clonality | |
| Concentration | 1 mg/ml |
| Observed band | 130kDa |
| GeneID?Human? | EIF2AK3 PEK PERK |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | Eukaryotic translation initiation factor 2-alpha kinase 3 (EC 2.7.11.1) (PRKR-like endoplasmic reticulum kinase) (Pancreatic eIF2-alpha kinase) (HsPEK) |
| Background | eukaryotic translation initiation factor 2 alpha kinase 3(EIF2AK3) Homo sapiens 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 malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome. [provided by RefSeq, Sep 2015], |