

Product datasheet for **TA372982**

PERK (EIF2AK3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: HepG2 cell lysate
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EIF2AK3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	125 kDa
Gene Name:	eukaryotic translation initiation factor 2 alpha kinase 3
Database Link:	Entrez Gene 9451 Human Q9NZJ5

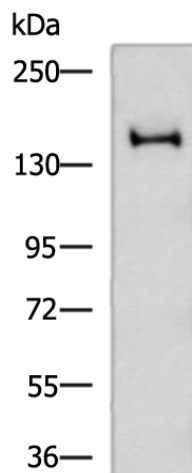
Background: The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2, leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. This protein is thought to modulate mitochondrial 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.

Synonyms: DKFZp781H1925; HRI; HsPEK; PEK; PERK; WRS



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Product images:



Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: HepG2 cell lysate
Primary antibody: TA372982 (EIF2AK3 Antibody)
at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 1 minute