

PERK Antibody

Cat. No.:	HY-P80781
Synonyms:	PERK Antibody is a non-conjugated and Rabbit originated monoclonal antibody about 125 kDa, targeting to PERK. It can be used for WB assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	Q9NZJ5
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 125 kDa; Observed band size: 140 kDa

PROPERTIES

Formulation	Supplied in 50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol and 0.05% BSA. Preservative: 0.01% Sodium azide	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>PERK: 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]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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