

# PERK (Phospho Thr980) Rabbit mAb (AR1945)

## Key Features

Host Species:	Rabbit
Reactivity:	Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	125kDa (Calculated) 125kDa (Observed)

## Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

## Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

## Basic Information

Clonality	Monoclonal
-----------	------------

## Immunogen Information

Specificity	Endogenous
-------------	------------

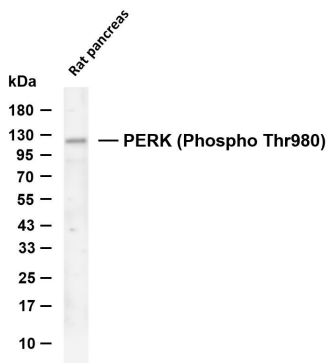
## Target Information

Gene name	EIF2AK3
Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 3

Organism	Gene ID	UniProt ID
Human	9451	Q9NZJ5
Mouse		Q9Z2B5
Rat	29702	Q9Z1Z1

Cellular Localization	Endoplasmic reticulum membrane; Single-pass type I membrane protein.
Tissue specificity	Ubiquitous. High level expression is seen in secretory tissues.

# Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PERK (Phospho Thr980) antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: Rat pancreas

Predicted band size: 125kDa

Observed band size: 125kDa

For Research Use Only