

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
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	EIF2AK3
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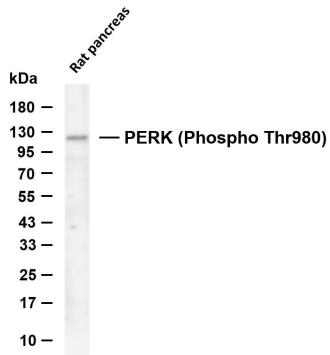
Protein Name	Eukaryotic translation initiation factor 2-alpha kinase 3
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Organism	Gene ID	UniProt ID
Human	9451	Q9NZJ5
Mouse		Q9Z2B5
Rat	29702	Q9Z1Z1

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

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