

## CABP1420

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### Product Information

<b>Product SKU:</b>	CABP1420	<b>Gene ID:</b>	9451	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC58933	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b>	-	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	125kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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.

**Recommended Dilution:** IHC-P,1:50 - 1:200

**Synonyms:** PEK; WRS; PERK; Phospho-PERK-T982

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around T982 of human PERK.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.