

## Antibodies Product Datasheet

<b>Product Name:</b>	PERK (Phospho-Thr981) Antibody
<b>Catalog Number:</b>	A8168
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	IF/ICC, WB, IHC-p, ELISA
<b>Dilutions:</b>	IF: 1:50-200 WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
<b>Modification:</b>	Phospho Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human PEK/PERK around the phosphorylation site of Thr981. AA range:947-996
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	EIF2AK3
<b>Protein Name:</b>	Eukaryotic translation initiation factor 2-alpha kinase 3
<b>Other Name:</b>	EIF2AK3; PEK; PERK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK
<b>Human Swiss Prot No.:</b>	Q9NZJ5
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Phospho-PERK (T981) Polyclonal Antibody detects endogenous levels of PERK protein only when phosphorylated at T981.
<b>Storage and Stability:</b>	-20°C/1 year