



## PERK rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A19700	Rabbit	1 mg/ml	125 kD
Applications	IF, WB, IHC, ELISA		
Reactivity	Human, Mouse, Rat		
Dilution	IF: 1:50-200 WB 1:500-2000 , IHC: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-PERK (T981) Polyclonal Antibody detects endogenous levels of PERK protein only when phosphorylated at T981.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human PEK/PERK around the phosphorylation site of Thr981. AA range: 947-996		
Uniprot No	Q9NZJ5		
Alternative names	EIF2AK3; PEK; PERK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype			
Conjugation			
Background	eukaryotic translation initiation factor 2 alpha kinase 3(EIF2AK3) Homo sapiens 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 reduc		
Other	Gene_name: EIF2AK3 ; Protein_name: Eukaryotic translation initiation factor 2-alpha kinase 3; Expression: Brain, Fetal brain, Liver, Pancreas, Pooled, Tes		
Product Images			

Application Key:





W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

**Trademarks**

*All product names and trademarks are the property of their respective owners.*

**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

---

**Contact and Support:**

*To ask questions, solve problems, suggest enhancements and report new applications, please visit our [Online Technical Support Site](#).*

*To call, write, fax, or email us, please visit [www.aabsci.com](http://www.aabsci.com), contact information will be displayed.*