

Product Data Sheet

PERK (pT981) Blocking Peptide

Catalog #	Source	Reactivity	Applications
CBP5833	Synthetic	H, M, R	BL
Description	The peptide is used to block Anti-PERK (pT981) Antibody (#CPA5833) reactivity.		
Form	Lyophilized powder		
Gene Symbol	EIF2AK3		
Alternative Names	PEK; PERK; Eukaryotic translation initiation factor 2-alpha kinase 3; PRKR-like endoplasmic reticulum kinase; Pancreatic eIF2-alpha kinase; HsPEK		
Entrez Gene	9451 (Human); 13666 (Mouse); 29702 (Rat)		
SwissProt	Q9NZJ5 (Human); Q9Z2B5 (Mouse); Q9Z1Z1 (Rat)		
Purity	>85%		
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.		
Directions for Use	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours.		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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