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## Product Datasheet

### **PERK (Phospho-Thr982) polyclonal antibody, Unconjugated, Rabbit BWT-BS66100**

Article Name	PERK (Phospho-Thr982) polyclonal antibody, Unconjugated, Rabbit
Biozol Catalog Number	BWT-BS66100
Supplier Catalog Number	BS66100
Alternative Catalog Number	BWT-BS66100-50UL,BWT-BS66100-100UL
Manufacturer	Bioworld Technology
Host	Rabbit
Category	Antikörper
Application	IHC, WB
Species Reactivity	Human, Mouse
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PERK.
Conjugation	Unconjugated
Product Description	The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis....
Molecular Weight	~ 140 kDa
UniProt	<a href="#">Q9NZJ5</a>
Purity	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Form	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Application Dilute	WB 1:500 - 1:1000 IHC 1:100 - 1:200
Application Notes	PERK (Phospho-Thr980) polyclonal antibody detects endogenous levels of PERK protein only when phosphorylated at Thr980.