

PKR (phospho Thr446) Polyclonal Antibody

Cat No: HR1AP7947

For research use only

Overview

Product Name	PKR (phospho Thr446) Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	62kDa
GeneID?Human?	EIF2AK2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	EIF2AK2; PKR; PRKR; Interferon-induced; double-stranded RNA-activated protein kinase; Eukaryotic translation initiation factor 2- alpha kinase 2; eIF-2A protein kinase 2; Interferon-inducible RNA-depe
Background	eukaryotic translation initiation factor 2 alpha kinase 2(EIF2AK2) Homo sapiens The protein encoded by this gene is a serine/threonine protein kinase that is activated by autophosphorylation after binding to dsRNA. The activated form of the encoded protein can phosphorylate translation initiation factor EIF2S1, which in turn inhibits protein synthesis. This protein is also activated by manganese ions and heparin. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],