# antibodies .- online.com







# anti-EIF2AK2 antibody (AA 224-502)



# **Images**



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Quantity:	100 μL
Target:	EIF2AK2
Binding Specificity:	AA 224-502
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2AK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### **Product Details**

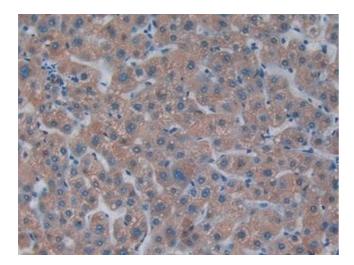
Target:

Purpose:	Polyclonal Antibody to Protein Kinase R (PKR)
Immunogen:	Recombinant Protein Kinase R (PKR) corresdonding to Ser224~Ile502 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKR. It has been selected for its
	ability to recognize PKR in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	

EIF2AK2

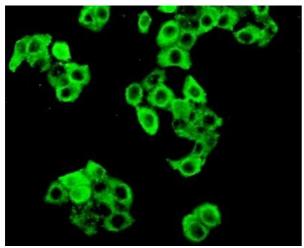
# **Target Details**

Target Details	
Alternative Name:	Protein Kinase R (EIF2AK2 Products)
Background:	PRKR, PRK-R, EIF2AK2, EIF2AK1, Eukaryotic Translation Initiation Factor 2 Alpha Kinase 2,
	Interferon-induced, double-stranded RNA-activated protein kinase, P1/eIF-2A kinase
Pathways:	DNA Damage Repair, ER-Nucleus Signaling, Hepatitis C
Application Details	
Application Notes:	Western blotting: 0.5-5 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-
	$20\mu\text{g/mL}$ Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without
	detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



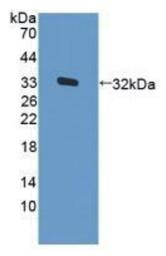
## **Immunohistochemistry**

**Image 1.** Detection of PKR in Human Liver Tissue using Polyclonal Antibody to Protein Kinase R (PKR)



#### **Immunofluorescence**

Image 2. Detection of PKR in MCF7 cells using Polyclonal Antibody to Protein Kinase R (PKR)



### **Western Blotting**

Image 3. Detection of Recombinant PKR, Human using Polyclonal Antibody to Protein Kinase R (PKR)

Please check the product details page for more images. Overall 5 images are available for ABIN7431893.