

Product Name: Phospho-PKR (Thr446) Rabbit Polyclonal Antibody
Catalog #: APRab00921

Summary

Production Name	Phospho-PKR (Thr446) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	EIF2AK2 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-dependent protein kinase; P1/eIF-2A protein k
Alternative Names	
Gene ID	5610
SwissProt ID	P19525

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 62 kDa; Observed MW: 68 kDa

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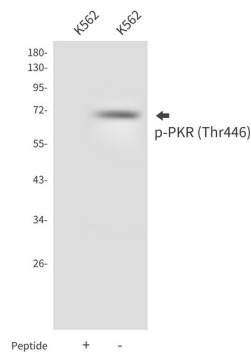
Background

PKR a protein kinase of the PEK family. Upon binding double-stranded RNA, it becomes autophosphorylated and activated. Phosphorylates and inhibits the alpha subunit of eIF2 alpha, which leads to an inhibition of the initiation of protein synthesis.

Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-PKR (Thr446) in K562 lysates using Phospho-PKR (Thr446) antibody.

Note

For research use only.