

Product Datasheet

Phospho-PKR (Thr446) Antibody

Catalog No: CY6441

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P19525

All Names: EC 2.7.11.1

Interferon-inducible RNA-dependent protein kinase

Eukaryotic translation initiation factor 2- α kinase 2

eIF-2A protein kinase 2

Protein kinase RNA-activated

PKR

p68 kinase

P1/eIF-2A protein kinase

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

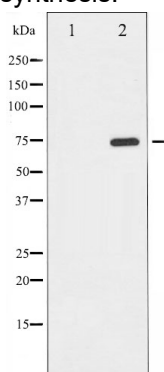
Molecular Wt.: 74kDa

Application

WB 1:500-1:2000

Background

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



Western blot analysis of PKR phosphorylation expression in Starvation treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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