

Product Datasheet

Phospho-Phospho-PKR (T451) Antibody



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Catalog No: CY9236

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB

Information

UniProt ID: P19525

All Names: EIF2AK1; EIF2AK2; p68 kinase; PKR; PPP1R83; PRKR; Protein kinase RNA activated;

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 derived from human Phospho-Phospho-PKR (T451)

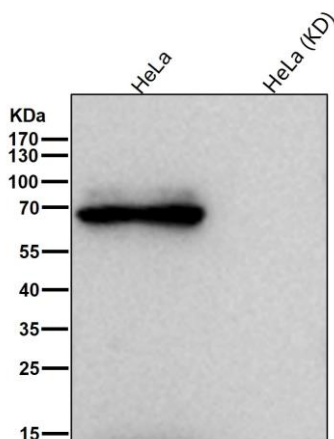
Molecular Wt.: 68 kDa

Application

WB 1:500~1:2000

Background

Following activation by double-stranded RNA in the presence of ATP, the kinase becomes autophosphorylated and can catalyze the phosphorylation of the translation initiation factor EIF2S1, which leads to an inhibition of the initiation of protein synthesis. Double-stranded RNA is generated during the course of a viral infection.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

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