

# Phospho-PKR/EIF2AK2-T451 Rabbit pAb

Catalog No.: AP0340

## Basic Information

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### Observed MW

### Calculated MW

62kDa

### Category

Primary antibody

### Applications

### Cross-Reactivity

Human

## Background

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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. The encoded protein plays an important role in the innate immune response against multiple DNA and RNA viruses.

## Recommended Dilutions

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## Immunogen Information

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### Gene ID

5610

### Swiss Prot

P19525

### Immunogen

A phospho specific peptide corresponding to residues surrounding T451 of human PKR/EIF2AK2

### Synonyms

PKR; PRKR; DYT33; LEUDEN; EIF2AK1; PPP1R83; Phospho-PKR/EIF2AK2-T451

## Contact

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 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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