

## Phospho-PKR (Thr446) Rabbit Monoclonal Antibody

### Catalog #: EAB21661

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Monoclonal	WB, IP, IHC-P	62	Human

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IP(Immunoprecipitation)	1:10-100
IHC-P(Immunohistochemistry-Paraffin)	1:50-200

### Product Information

Conjugate	Unconjugate
Specificity	Phospho-PKR (Thr446) Rabbit Monoclonal Antibody detects endogenous levels of PKR only when phosphorylated at Thr446.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">P19525</a>
Entrez-Gene Id	<a href="#">5610</a>

### Product Description

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.

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