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Phospho-EIF2AK2-T451

Reactivity: Human

Tested applications:IHC

Recommended Dilution:IHC 1:50 - 1:100

Calculated MW:68kDa

Observed MW: Refer to Figures

Immunogen:

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

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

bc

Synonym:

PKR; PRKR; EIF2AK1;

Catalog #:AP0340

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5610

Isotype: IgG

Swiss Prot:P19525

Purity: Affinity purification

For research use only.

Background:

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. Three transcript variants encoding two different isoforms have been found for this gene.

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