

CAB4047

Product Information

Product SKU: CAB4047	Gene ID: 5610	Size: 20uL, 100uL
Clone No: -	Host Species: Rabbit	Reactivity: Human, Mouse

Additional Information

Observed MW: 72kDa	Conjugate: Unconjugated
Calculated MW: 62kDa	Isotype: IgG

Immunogen Information

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

Recommended Dilution: WB, 1:1000 - 1:2000 IHC-P, 1:50 - 1:200 IF/ICC, 1:50 - 1:200

Synonyms: PKR; PRKR; DYT33; LEUDEN; EIF2AK1; PPP1R83; PKR/EIF2AK2

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human PKR/EIF2AK2 (NP_002750.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.