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EIF2AK4

Reactivity: Human Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW:187kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human EIF2AK4

Storage Buffer:

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

Synonym:

GCN2; PVOD2;

Catalog #:A7155

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:440275

Isotype: IgG

Swiss Prot:Q9P2K8

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulaton of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.

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