

Phospho-GCN2 (Thr667) polyclonal antibody

Catalog: BZ17061

Host: Rabbit

Reactivity: Human

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 downregulation 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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 187 kDa; Observed MW: 220 kDa

Swiss-Prot:

Q9P2K8

Purification&Purity:

Affinity Purified

Applications:

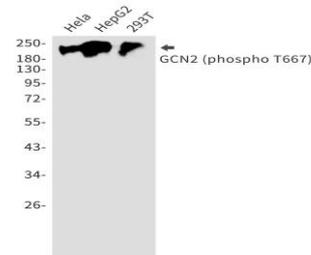
WB: 1/500-1/1000 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Phospho-GCN2 in HeLa, HepG2, 293T lysates using Phospho-GCN2 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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