

Product Datasheet

Phospho-GCN2 (Thr899) Antibody



Catalog No: CY5076

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB

www.abways.com

Information

UniProt ID: Q9P2K8

All Names: GCN2-like protein; GCN2; KIAA1338; EIF2AK4

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

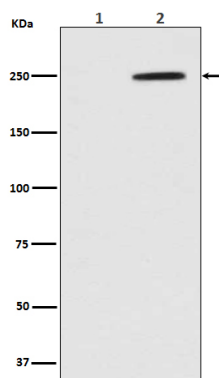
Molecular Wt.: 220 kDa

Application

WB: 1:500~1:2000

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.



Western blot analysis of Phospho-GCN2 (Thr899) in (1) HeLa cell lysate; (2) HeLa cell lysate treated with Calyculin.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com