

GCN2 (Phospho-Thr899) Rabbit mAb

Catalog No: #14130

Package Size: #14130-1 50ul #14130-2 100ul

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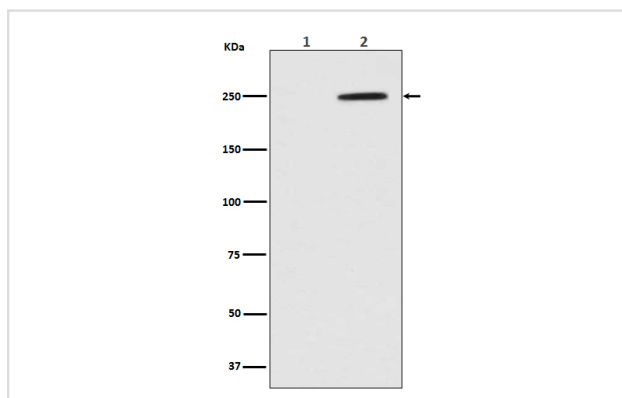
Description

Product Name	GCN2 (Phospho-Thr899) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human
Specificity	Phospho-GCN2 (T899) Antibody detects endogenous levels of total Phospho-GCN2 (T899)
Immunogen Description	A synthesized peptide derived from human Phospho-GCN2 (T899)
Other Names	GCN2-like protein; GCN2; KIAA1338; EIF2AK4;
Accession No.	Uniprot:Q9P2K8
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Calculated MW	220kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.

Application Details

WB: 1:500~1:2000

Images



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

Product Description

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.

Note: This product is for in vitro research use only