GCN2 (Phospho-Thr899) Rabbit mAb

Catalog No: #14130

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



Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

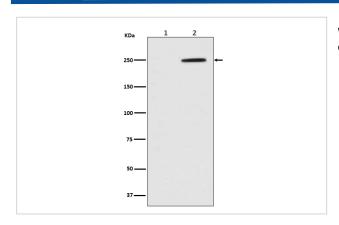
$\overline{}$		4.5
	escri	ntion
\boldsymbol{L}	COUL	Pulul

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	
Uniprot	Q9P2K8	
Calculated MW	220kDa	
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.	
torage Store at +4A C short term. Store at -20A 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 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.

Note: This product is for in vitro research use only