

GCN2 (phospho-Thr899) Polyclonal Antibody

Catalog No: #13841



Package Size: #13841-1 50ul #13841-2 100ul

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Description

Product Name	GCN2 (phospho-Thr899) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human;Mouse
Specificity	Phospho-GCN2 (T899) Polyclonal Antibody detects endogenous levels of GCN2 protein only when phosphorylated at T899.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human GCN2 around the phosphorylation site of Thr899. AA range:865-914
Conjugates	Unconjugated
Other Names	EIF2AK4; GCN2; KIAA1338; Eukaryotic translation initiation factor 2-alpha kinase 4; GCN2-like protein
Accession No.	Swiss Prot:Q9P2K8GenID:440275
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

eukaryotic translation initiation factor 2 alpha kinase 4(EIF2AK4) *Homo sapiens* 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. [provided by RefSeq, Mar 2014].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.