

GCN2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14973	Rabbit	1 mg/ml	186838
Applications	IHC,ELISA		
Reactivity	Human,Mouse		
Dilution	IHC: 1:100 - 1:300. ELISA: 1:20000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	GCN2 Polyclonal Antibody detects endogenous levels of GCN2 protein.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human GCN2. AA range:865-914		
Uniprot No	Q9P2K8		
Alternative names	EIF2AK4; GCN2; KIAA1338; Eukaryotic translation initiation factor 2-alpha kinase 4; GCN2-like protein		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
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],		
Other	EIF2AK4, Eukaryotic translation initiation factor 2-alpha kinase 4		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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