

GCN2(Phospho Thr899) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15715
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GCN2 around the phosphorylation site of Thr899. AA range:865-914
Mol wt	186838
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Eukaryotic translation initiation factor 2-alpha kinase 4
Synonyms	Eukaryotic translation initiation factor 2-alpha kinase 4; EIF2AK4; GCN2; KIAA1338; Eukaryotic translation initiation factor 2-alpha kinase 4; GCN2-like protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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