

GCN2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03509
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GCN2. AA range:865-914
Mol wt	186838
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	GCN2 Antibody
Synonyms	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

EIF2AK4 encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the down regulation 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: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com