



Anti-eIF2AK4 monoclonal antibody, clone FQS6081(3) (DCABH-2910)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to GCN2
Antigen Description	Can phosphorylate the alpha subunit of EIF2 and may mediate translational control.
Immunogen	Synthetic peptide corresponding to residues near the N-terminus of Human GCN2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS6081(3)
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC, Flow Cyt
Positive Control	HeLa, 293T, MOLT4 and A549 cell lysates; Human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	pH: 7.20; Preservative: 0.01% Sodium azide; Constituents: 49% PBS, 50% Glycerol, 0.05% BSA
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	EIF2AK4 eukaryotic translation initiation factor 2 alpha kinase 4 [Homo sapiens]
Official Symbol	EIF2AK4
Synonyms	EIF2AK4; eukaryotic translation initiation factor 2 alpha kinase 4; eukaryotic translation initiation factor 2-alpha kinase 4; GCN2; KIAA1338; GCN2-like protein; GCN2 eIF2alpha kinase;
Entrez Gene ID	440275
Protein Refseq	NP_001013725
UniProt ID	Q9P2K8
Chromosome Location	15q13.3
Pathway	Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Measles, organism-specific biosystem;
Function	ATP binding; eukaryotic translation initiation factor 2alpha kinase activity; nucleotide binding; protein homodimerization activity; protein serine/threonine kinase activity; tRNA binding;