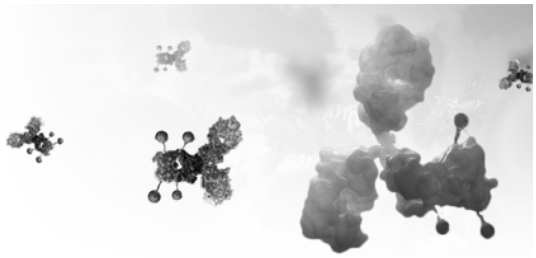

Anti-eIF2AK2 (aa 500-550) polyclonal antibody (DPAB-DC812)

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

PRODUCT INFORMATION

Antigen Description	EIF2AK2 (eukaryotic translation initiation factor 2-alpha kinase 2) is a protein-coding gene. Diseases associated with EIF2AK2 include hepatitis c virus, resistance to, and birt-hogg-dube syndrome, and among its related super-pathways are Interferon Signaling and NS1 Mediated Effects on Host Pathways. GO annotations related to this gene include double-stranded RNA binding and protein serine/threonine kinase activity. An important paralog of this gene is EIF2AK1.
Immunogen	A synthetic peptide corresponding to amino acids 500-550 of mouse Eif2ak2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Conjugate	Unconjugated
Applications	WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	Eif2ak2 eukaryotic translation initiation factor 2-alpha kinase 2 [Mus musculus (house mouse)]
Official Symbol	EIF2AK2
Synonyms	EIF2AK2; eukaryotic translation initiation factor 2-alpha kinase 2; Pkr; Tik; Prkr; AI467567; AI747578; 2310047A08Rik; 4732414G15Rik; interferon-induced, double-stranded RNA-activated protein kinase; p68 kinase; eIF-2 alpha; dsRNA-activated kinase; eIF-2A protein kinase 2; P1/eIF-2A protein kinase; protein kinase RNA-activated; T-cell viral integration site; tyrosine-protein kinase EIF2AK2; serine/threonine-protein kinase TIK; IFN- type I-induced and dsRNA-activated kinase; interferon-inducible RNA-dependent protein kinase; IFN-induced and double-stranded RNA-activated kinase; eukaryotic translation initiation factor 2 alpha kinase 2; protein kinase, interferon inducible double stranded RNA dependent; protein kinase, interferon-inducible double stranded RNA dependent;
Entrez Gene ID	19106
Protein Refseq	NP_035293
UniProt ID	Q03963
Chromosome Location	17 E2; 17 49.56 cM
Pathway	Epstein-Barr virus infection; Hepatitis C; Herpes simplex infection; Influenza A
Function	ATP binding; RNA binding; double-stranded RNA binding; kinase activity

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