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[Primary Antibody]

Recombinant Rabbit Anti-EIF2AK4 Monoclonal Antibody

Catalog Number: SLA1838M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
GeneID:	440275
SWISS:	Q9P2K8
Target:	EIF2AK4
Immunogen:	A synthesized peptide derived from human GCN2 around the phosphorylation site of T899
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	187 kDa
Background:	Metabolic-stress sensing protein kinase that phosphorylates the alpha subunit of eukaryotic translation initiation factor 2 (EIF2S1/eIF-2-alpha) in response to low amino acid availability.Plays a role as an activator of the integrated stress response (ISR) required for adaptation to amino acid starvation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.