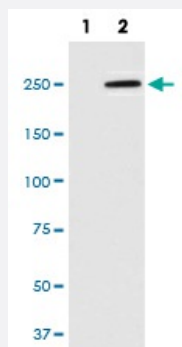


EIF2AK4 (phospho T899) monoclonal antibody, clone ABH-5

Catalog # MAB20518 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of (1) HeLa cell lysate, (2) HeLa cell lysate treated with Calyculin using EIF2AK4 (phospho T899) monoclonal antibody, clone ABH-5.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human EIF2AK4.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding T899 of human EIF2AK4.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of (1) HeLa cell lysate, (2) HeLa cell lysate treated with Calyculin using EIF2AK4 (phospho T899) monoclonal antibody, clone ABH-5.

Gene Info — EIF2AK4

Entrez GeneID [440275](#)

Protein Accession# [Q9P2K8](#)

Gene Name EIF2AK4

Gene Alias GCN2, KIAA1338

Gene Description eukaryotic translation initiation factor 2 alpha kinase 4

Omim ID [609280](#)

Gene Ontology [Hyperlink](#)

Gene Summary EIF2AK4 belongs to a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2S1; MIM 603907) to downregulate protein synthesis in response to varied cellular stresses (Berlanga et al., 1999 [PubMed 10504407]).[supplied by OMIM]

Other Designations GCN2 eIF2alpha kinase