

EIF2AK1 Antibody

Catalog No: #47821



Package Size: #47821-1 50ul #47821-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

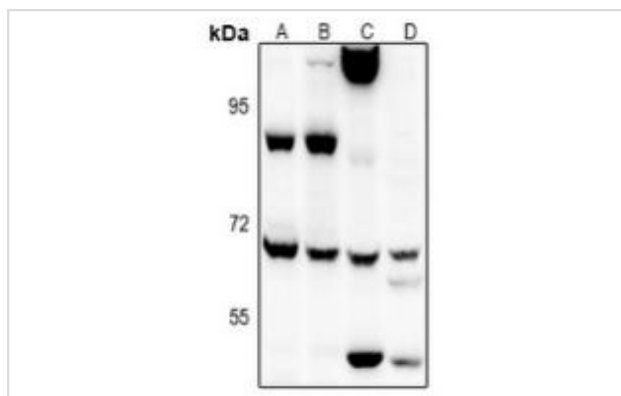
Product Name	EIF2AK1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified by immunogen affinity chromatography.
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Specificity	Recognizes endogenous levels of EIF2AK1 protein.
Immunogen Description	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EIF2AK1.
Target Name	EIF2AK1
Other Names	HRI; KIAA1369; Eukaryotic translation initiation factor 2-alpha kinase 1; Heme-controlled repressor; HCR; Heme-regulated eukaryotic initiation factor eIF-2-alpha kinase; Heme-regulated inhibitor; Hemin-sensitive initiation factor 2-alpha kinase
Accession No.	Swiss-Prot#:Q9BQI3NCBI Gene ID:27102
Calculated MW	71KD
Concentration	1 mg/ml
Formulation	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application Details

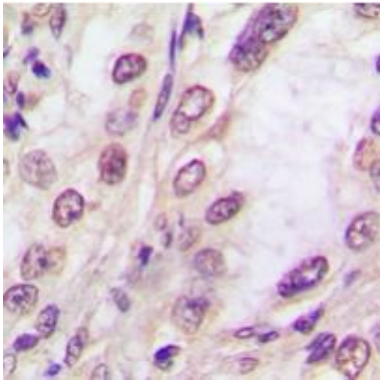
Western blotting:1:500 - 1:1000

Immunohistochemistry:1:50 - 1:100

Images



Western blot analysis of EIF2AK1 expression in K562 (A), LO2 (B), PC12 (C), AML12 (D) whole cell lysates



Immunohistochemical analysis of EIF2AK1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX

Note: This product is for in vitro research use only and is not intended for use in humans or animals.