

Phospho-eIF2α (Ser51) Antibody, Rabbit MAb



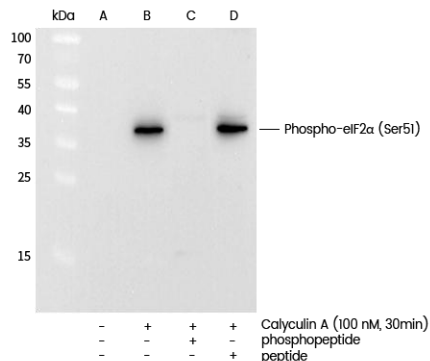
Sino Biological
Biological Solution Specialist

Catalog Number: 110457-R0011

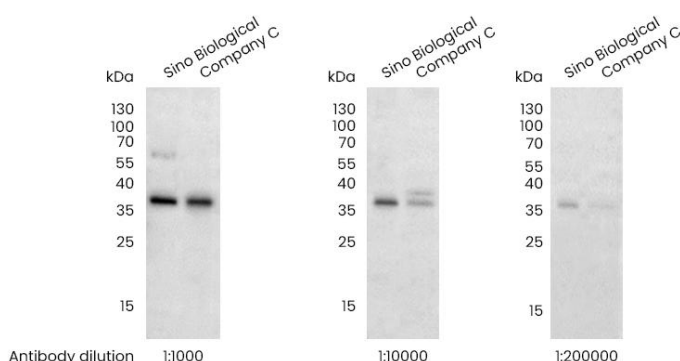
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GENERAL INFORMATION	
Immunogen:	A synthetic phosphopeptide corresponding to residues around Ser51 of human Phospho-eIF2α.
Preparation	This antibody was obtained from a rabbit immunized with a synthetic phosphopeptide corresponding to residues around Ser51 of human Phospho-eIF2α.
Ig Type:	Rabbit IgG
Clone ID:	0011
Specificity:	Human Phospho-eIF2α (Ser51). Human eIF2α residue Ser52 historically has been referenced as Ser51. Reacts with: Human Species predicted to react based on 100% sequence homology: Mouse, rat
Formulation:	10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, pH 7.5
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:1000-1:10000

Please Note: Optimal concentrations/dilutions should be determined by the end user.



Western blot analysis of extracts from serum-starved HeLa, untreated (line A); treated with Calyculin A (100nM, 30 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-eIF2α (Ser51) rabbit monoclonal Antibody (Cat# 110457-R0011) at 1:1000 dilution.
(Validation Experiment)



Western blot analysis of extracts from serum-starved HeLa, treated with Calyculin A (100 nM, 30 min), using Phospho-eIF2α (Ser51) Antibody (Cat# 110457-R0011) (Sino Biological) and other brands' antibodies (company C) at dilution of 1:1000, 1:10000 and 1:200000.
(Validation Experiment)

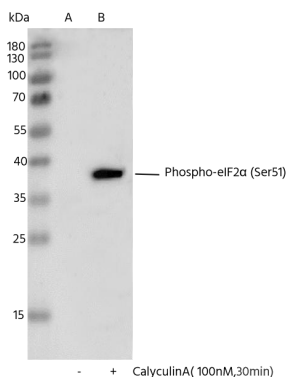
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Western blot analysis of extracts from serum-starved NIH-3T3, untreated (line A) or treated with CalyculinA (100nM, 30min; +) (line B), using Phospho-eIF2α (Ser51) rabbit monoclonal Antibody (Cat: 110457-R0011) at 1:1000 dilution.