

eIF2 alpha (phospho Ser51) antibody

Cat. No. GTX130006

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human, Rat

References (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000

Not tested in other applications.

Calculated MW 36 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser52 of human eIF2 alpha. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

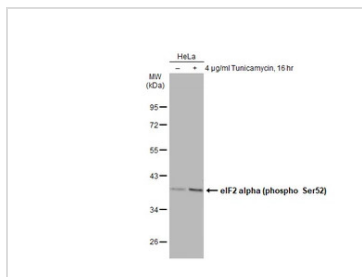
Note

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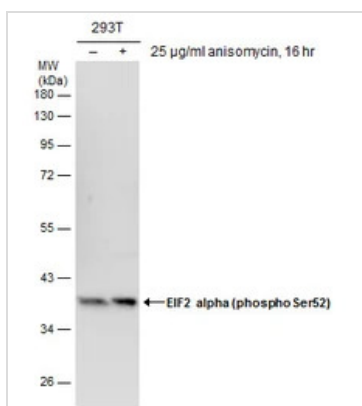
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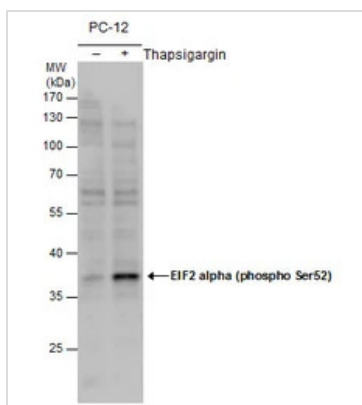
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DATA IMAGES

GTX130006 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with eIF2 alpha (phospho Ser51) antibody (GTX130006) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX130006 WB Image

Untreated (-) and treated (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with EIF2 alpha (phospho Ser51) antibody (GTX130006) diluted at 1:500.


GTX130006 WB Image

EIF2 alpha (phospho Ser52) antibody detects EIF2 alpha (phospho Ser51) protein by western blot analysis. Un-treated (-) and treated (+, 300 µM Thapsigargin treatment for 8hr) PC-12 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with EIF2 alpha (phospho Ser52) antibody (GTX130006) at a dilution of 1:1000.



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