

Product Datasheet

Phospho-eIF2 alpha (Ser51) Antibody

Catalog No: CY6179

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P05198

All Names: EIF-2; eIF-2-alpha; eIF-2A; eIF-2alpha; EIF2; EIF2A; EIF2S1; Eukaryotic translation initiation factor 2 subunit 1; Eukaryotic translation initiation factor 2 subunit alpha; eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa; IF2A

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

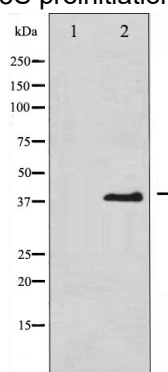
Molecular Wt.: 38kDa

Application

WB 1:500-1:2000

Background

eIF2A a translation initiation factor that functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40s ribosomal subunit, followed by mRNA binding to form a 43S preinitiation comp



Western blot analysis of eIF2 alpha phosphorylation expression in IFN- α treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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