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Phospho-EIF2S2-S2

Reactivity: Human Mouse

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:38kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S2 of human EIF2S2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta;

Catalog #:AP0343

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:8894

Isotype: IgG

Swiss Prot:P20042

Purity: Affinity purification

For research use only.

Background:

Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation.

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