

## EIF2S2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 38kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human EIF2S2

**Storage Buffer:**

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

**Concentration:**

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**Synonym:**

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

**Catalog #:** A5894

**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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