

Summary

Production Name	EIF2S2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, FC, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	EIF2S2
Alternative Names	EIF2; EIF2B; PPP1R67; EIF2beta; eIF-2-beta
Gene ID	8894
SwissProt ID	P20042.

Application

Dilution Ratio	WB: 1:2000-1:20000 ICC/IF: 1:200-1:500 FC: 1:100-1:200 IP: 1:50
Molecular Weight	Calculated MW:38 kDa; Observed MW:48 kDa

Background

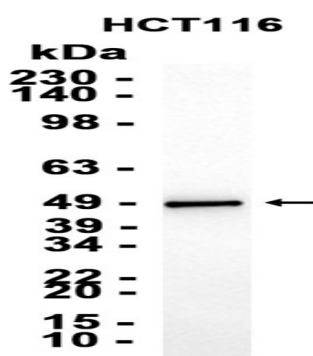
Product Name: EIF2S2 Rabbit Monoclonal Antibody
Catalog #: AMRe86803



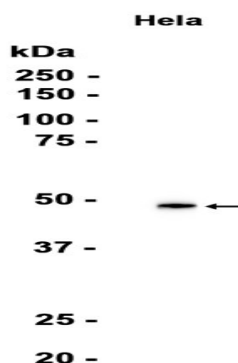
Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for GTP, which recycles the EIF-2 complex for another round of initiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

Research Area

Image Data



Western blot analysis of extracts from HCT116 cells using AMRe86803 at 1:5000.



Western blot analysis of extracts from HeLa cells using AMRe86803 at 1:1000.

Note

For research use only.