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EIF2S3L Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18923c

Specification

EIF2S3L Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q2VIR3

EIF2S3L Antibody (Center) Blocking Peptide - Additional Information

Other Names
Putative eukaryotic translation initiation factor 2 subunit 3-like protein, Eukaryotic translation initiation factor 2 subunit gamma A, eIF-2-gamma A, eIF-2gA, EIF2S3L

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

EIF2S3L Antibody (Center) Blocking Peptide - Protein Information

Name EIF2S3B (HGNC:43863)

Function
Member of the eIF2 complex 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 the 43S pre-initiation complex (43S PIC). Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded by hydrolysis of the GTP bound to eIF2 and release of an eIF2-GDP binary complex. In order for eIF2 to recycle and catalyze another round of initiation, the GDP bound to eIF2 must exchange with GTP by way of a reaction catalyzed by eIF-2B (By similarity).

Tissue Location
Specifically expressed in testis at the mRNA level.

EIF2S3L Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

EIF2S3L Antibody (Center) Blocking Peptide - Images

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EIF2S3L Antibody (Center) Blocking Peptide - Background

eIF-2 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 complex. Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded by hydrolysis of the GTP bound to eIF-2 and release of an eIF-2-GDP binary complex. In order for eIF-2 to recycle and catalyze another round of initiation, the GDP bound to eIF-2 must exchange with GTP by way of a reaction catalyzed by eIF-2B (By similarity).