

EIF2S3L Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18923c**Specification**

EIF2S3L Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q2VIR3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51229
Antigen Region	273-299

EIF2S3L Antibody (Center) - Additional Information**Gene ID** 255308**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

Target/Specificity

This EIF2S3L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 273-299 amino acids from the Central region of human EIF2S3L.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

EIF2S3L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

EIF2S3L Antibody (Center) - 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

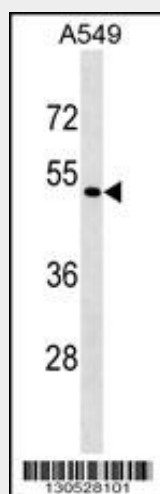
Specifically expressed in testis at the mRNA level.

EIF2S3L Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

EIF2S3L Antibody (Center) - Images



EIF2S3L Antibody (Center) (Cat. #AP18923c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the EIF2S3L antibody detected the EIF2S3L protein (arrow).

EIF2S3L Antibody (Center) - 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).