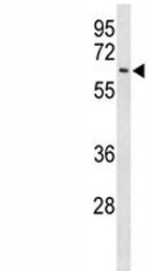
EIF2A Antibody / Eukaryotic translation initiation factor 2A (F51764)

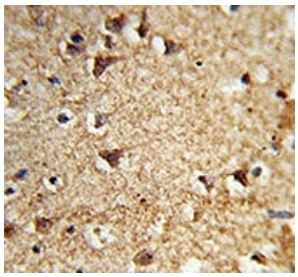
Catalog No.	Formulation	Size
F51764-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51764-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

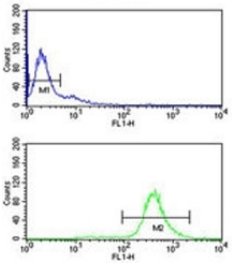
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9BY44
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This EIF2A antibody is available for research use only.



Western blot analysis of EIF2A antibody and Ramos lysate. Predicted molecular weight: 62, 58, 41 kDa.



IHC analysis of FFPE human brain tissue stained with EIF2A antibody



EIF2A antibody flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

EIF2A functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40 S subunits in a GTP-dependent manner. May act by impiging the expression of specific proteins. [UniProt]

Additional EIF2A antibody formats and validation data are available on our main EIF2A Antibody page.

Application Notes

Titration of the EIF2A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 437-465 from the human protein was used as the immunogen for this EIF2A antibody.

Storage

Aliquot the EIF2A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

Eukaryotic translation initiation factor 2A antibody

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