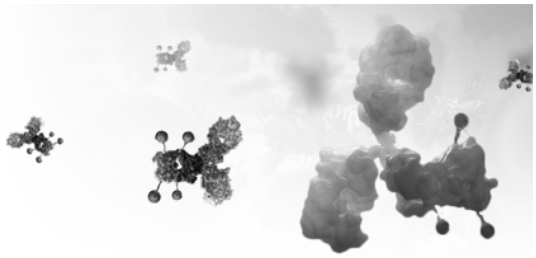

Rabbit Anti-EIF4E monoclonal antibody, clone TV1407 (CABT-L655)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Phospho-eIF4E (S209)
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TV1407
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, IP
Molecular Weight	25 kDa
Cellular Localization	Cytoplasm.
Positive Control	N2A, SH-SY-5Y, 293, rat spleen tissue, human spleen tissue, mouse spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The initiation of protein synthesis in eukaryotic cells is regulated by interactions between protein initiation factors and RNA molecules. The eukaryotic initiation complex eIF4F exists in vitro as a trimeric complex of eIF4E, eIF4A and eIF4G. Together, the complex allows ribosome binding to mRNA by inducing the unwinding of mRNA secondary structures. eIF4E binds to the mRNA "cap" during an early step in the initiation of protein synthesis. eIF4A acts as an ATP-dependent RNA helicase. eIF4G acts as a bridge between eIF4E, eIF4A and the eIF3 complex.
Keywords	AUTS19;CBP;eIF 4E;eIF 4F 25 kDa subunit;EIF 4F;eIF-4E;eIF-4F 25 kDa subunit;eIF4E;EIF4E1;EIF4EL1;EIF4F;Eukaryotic translation initiation factor 4 E;Eukaryotic translation initiation factor 4E;Eukaryotic translation initiation factor 4E like 1;IF4E_HUMAN;Messanger RNA Cap Binding Protein eIF 4E;MGC111573;mRNA cap binding protein;mRNA cap-binding protein antibody

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