

Datasheet for ABIN7152185
anti-EIF4E antibody (AA 2-217) (Biotin)



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Overview

Quantity:	100 µg
Target:	EIF4E
Binding Specificity:	AA 2-217
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4E antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Eukaryotic translation initiation factor 4E protein (2-217AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EIF4E
Alternative Name:	EIF4E (EIF4E Products)
Background:	Background: Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the

Target Details

unwinding of the mRNAs secondary structures. Component of the CYFIP1-EIF4E-FMR1 complex which binds to the mRNA cap and mediates translational repression. In the CYFIP1-EIF4E-FMR1 complex this subunit mediates the binding to the mRNA cap.

Aliases: AUTS19 antibody, CBP antibody, eIF 4E antibody, eIF 4F 25 kDa subunit antibody, EIF 4F antibody, eIF-4E antibody, eIF-4F 25 kDa subunit antibody, eIF4E antibody, EIF4E1 antibody, EIF4EL1 antibody, EIF4F antibody, Eukaryotic translation initiation factor 4 E antibody, Eukaryotic translation initiation factor 4E antibody, Eukaryotic translation initiation factor 4E like 1 antibody, IF4E_HUMAN antibody, Messenger RNA Cap Binding Protein eIF 4E antibody, MGC111573 antibody, mRNA cap binding protein antibody, mRNA cap-binding protein antibody

UniProt: [P06730](#)

Pathways: [BCR Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.