

Phospho-EIF4E-S209

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:100 - 1:200

Calculated MW: 25kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S209 of human EIF4E

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CBP; EIF4F; AUTS19; EIF4E1; EIF4EL1;

Catalog #: AP0228

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1977

Isotype: IgG

Swiss Prot: P06730

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of cellular mRNAs. The encoded protein aids in translation initiation by recruiting ribosomes to the mRNA. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. Three transcript variants encoding different isoforms have been found for this gene.

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