

## 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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