



Swiss-Prot No.:	P06730
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	A synthesized peptide derived from human Phospho-eIF4E (S209)
Purification:	Affinity Chromatography
Reactivity:	Human, Mouse, Rat
Other Names:	CBP; eIF-4E; eIF-4F 25 kDa subunit; EIF4F; EIF4E1; EIF4EL1; MGC111573; EIF4E;
Background:	elf4E, a protein modulates translation of maternal mRNAs in early embryos before the onset of zygotic transcription. elf4E also influences the overall rate of translation. elf4E binds to the 7 methyl GTP cap structure of eukaryotic mRNAs. Phosphorylation of elf4E on serine 209 regulates the affinity of this protein for the 7 methyl GTP cap and/or RNA. Phosphorylation also enhances the interaction of elf4E with elf4G, which form a complex known as elf4F. elf4E phosphorylation is correlated with increased translational rate in a number of cell types.
Cellular localization:	Cytoplasm
Source:	Rabbit

Antibody type:	Polyclonal antibody
Isotype:	Rabbit IgG
Molecular Weight:	25kDa
Preservative:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Recommended Dilutions:	WB 1:1000~1:10000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50