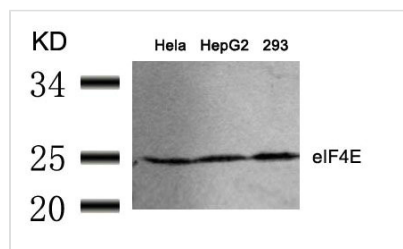


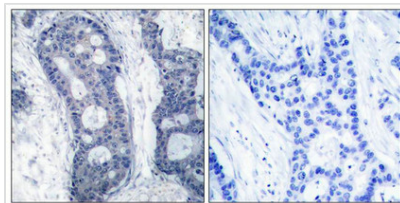
EIF4E (Ab-209) Antibody

Product Code	CSB-PA190338
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P06730
Immunogen	Peptide sequence around aa. 207~211 (S-G-S-T-T) derived from Human eIF4E.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total eIF4E protein.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:200,IF:1:100-1:200
Relevance	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 unwinding of the mRNAs secondary structures. Li BD, et al. (1998) Ann Surg; 227(5): 756-763 Altmann M, et al. (1989) Nucleic Acids Res; 17(18): 7520 De Gregorio E, et al. (2001) RNA; 7(1): 106-113 Gu W, et al. (2004) Nucleic Acids Res; 32(15): 4448-4461 Ohlmann T, et al. (1996) EMBO J; 15(6): 1371-1382
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	mRNA cap-binding protein; eIF-4F 25 kDa subunit;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EIF4E

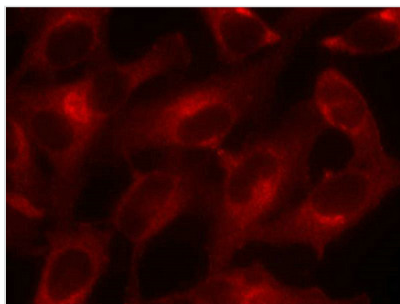
Image



Western blot analysis of extracts from HeLa, HepG2 and 293 cells using eIF4E(Ab-209) Antibody.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eIF4E(Ab-209) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using eIF4E(Ab-209) Antibody.