

bs-3720R**[Primary Antibody]****phospho-eIF4EBP1 (Ser65 + Thr70) Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 13685	SWISS: Q60876	IHC-F (1:100-500)
Target: eIF4EBP1 (Ser65 + Thr70)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from mouse 4EBP1 around the phosphorylation site of Ser65/Thr70: RN(p-S)PVTK(p-T)PP.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 13 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm ,Nucleus
Background: This gene encodes one member of a family of translation repressor proteins. The protein directly interacts with eukaryotic translation initiation factor 4E (eIF4E), which is a limiting component of the multisubunit complex that recruits 40S ribosomal subunits to the 5' end of mRNAs. Interaction of this protein with eIF4E inhibits complex assembly and represses translation. This protein is phosphorylated in response to various signals including UV irradiation and insulin signaling, resulting in its dissociation from eIF4E and activation of mRNA translation. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=4.486]** Han Zhang. et al. m6A methyltransferase METTL3 promotes retinoblastoma progression via PI3K/AKT/mTOR pathway. J Cell Mol Med. 2020 Nov;24(21):12368-12378 WB ;Human. 33090698