

## eIF4B (Phospho Ser406) rabbit pAb

<b>Catalog No :</b>	YP1327
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	eIF4B
<b>Fields :</b>	>>mTOR signaling pathway;>>PI3K-Akt signaling pathway;>>Proteoglycans in cancer
<b>Gene Name :</b>	EIF4B
<b>Protein Name :</b>	eIF4B (Ser406)
<b>Human Gene Id :</b>	1975
<b>Human Swiss Prot No :</b>	P23588
<b>Mouse Gene Id :</b>	75705
<b>Mouse Swiss Prot No :</b>	Q8BGD9
<b>Immunogen :</b>	Synthesized phospho peptide around human eIF4B (Ser406)
<b>Specificity :</b>	This antibody detects endogenous levels of Human Mouse Rat eIF4B (phospho-Ser406)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:1000-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 80kD

**Cell Pathway :** mTOR;

**Function :** function:Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Self-associates and interacts with EIF3 p170 subunit.,

**Subcellular Location :** cytosol,polysome,eukaryotic translation initiation factor 4F complex,dendrite,neuronal cell body,

**Expression :** Adipose tissue,Brain,Cervix carcinoma,Epithelium,Liver,Lung

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