

phospho-EIF4B (Ser406) Rabbit pAb

Catalog Number: bs-14551R

Target Protein: phospho-EIF4B (Ser406)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Sheep, Cow, Dog, Horse)

Predicted MW: 69 kDa

Subcellular: Cytoplasm

Locations:

Entrez Gene: 1975

Swiss Prot: P23588

Source: KLH conjugated Synthesised phosphopeptide derived from human EIF4B around the phosphorylation site of Ser406: HP(p-S)WR.

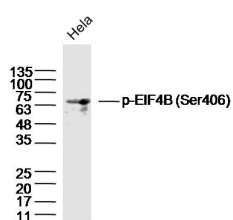
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

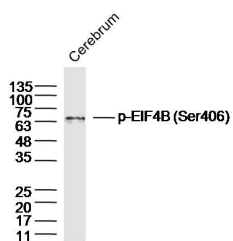
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: EIF4B is required for the binding of mRNA to ribosomes. It functions in close association with eIF4F and eIF4A. It binds near the 5'-terminal cap of mRNA in the presence of eIF4F and ATP. It promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both eIF4A and eIF4F.

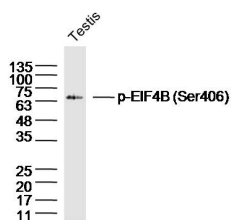
VALIDATION IMAGES



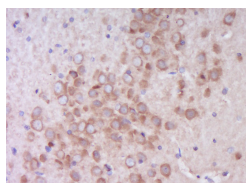
Sample: HeLa Cell (Human) Lysate at 40 ug Primary: Anti-phospho-EIF4B (Ser406)(bs-14551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69kD
Observed band size: 69kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-phospho-EIF4B (Ser406)(bs-14551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69kD
Observed band size: 69kD



Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-phospho-EIF4B (Ser406)(bs-14551R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69kD Observed band size: 69kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (p-EIF4B (Ser406)) Polyclonal Antibody, Unconjugated (bs-14551R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.