

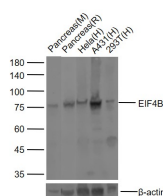
bs-33857R**[Primary Antibody]****EIF4B Rabbit pAb****BioSS**
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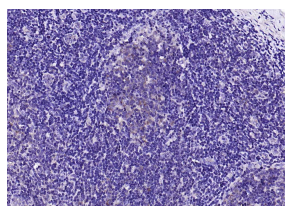
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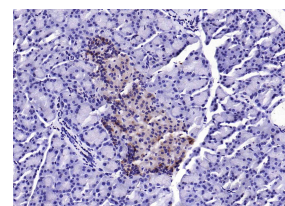
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 1975**SWISS:** P23588**Target:** EIF4B**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**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.**Applications:** **WB** (1:1000-2000)**IHC-P** (1:400-800)**IHC-F** (1:400-800)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 69 kDa**Subcellular Location:** Cytoplasm**— VALIDATION IMAGES —**

bs-33857R_TDY1084_20211021 EIF4B (69kD)
 Sample: Lane 1: Mouse Pancreas lysates Lane 2:
 Rat Pancreas lysates Lane 3: Human Hela cell
 lysates Lane 4: Human A431 Cell Lysates Lane 5:
 Human 293T Cell Lysates Primary: Anti-EIF4B
 (bs-33857R) at 1/1000 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 69 kDa Observed
 band size: 75 kDa



Paraformaldehyde-fixed, paraffin embedded
 (human tonsil); 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 (EIF4B) Polyclonal Antibody,
 Unconjugated (bs-33857R) at 1:200 overnight at
 4°C, followed by operating according to SP
 Kit(Rabbit) (sp-0023) instructionsand DAB
 staining.



Paraformaldehyde-fixed, paraffin embedded (rat
 pancreas); 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 (EIF4B) Polyclonal Antibody,
 Unconjugated (bs-33857R) at 1:200 overnight at
 4°C, followed by operating according to SP
 Kit(Rabbit) (sp-0023) instructionsand DAB
 staining.