

bs-17101R**[Primary Antibody]****LARP1 Rabbit pAb****BioSS**
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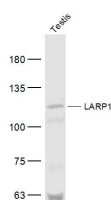
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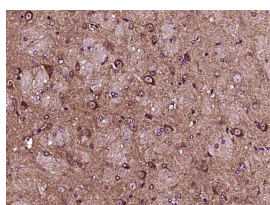
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 23367 Target: LARP1 Immunogen: KLH conjugated synthetic peptide derived from human LARP1: 601-700/1096. 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: LARP1 is a 1,096 amino acid protein belonging to the LARP family. LARP1 contains two conserved regions, one that shares homology with La/SSB proteins and one that is conserved only across LARP family proteins. Within the La/SSB conserved region, LARP1 contains a HTH La-type RNA-binding domain, which may indicate a role in RNA stabilization and folding. Upon DNA damage, LARP1 is phosphorylated by ATR or ATM. LARP1 interacts with many signaling intermediate proteins, including 14-3-3. Widely expressed, LARP1 levels are highest in heart. LARP1 exists as three isoforms produced by alternative splicing.	Isotype: IgG SWISS: Q6PKG0 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse) Predicted MW.: 124 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Testis (Mouse) Lysate at 40 ug Primary:
 Anti-LARP1 (bs-17101R) at 1/500 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 124 kD
 Observed band size: 124 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse 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 (LARP1) Polyclonal Antibody, Unconjugated (bs-17101R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.