

**bs-21063R****[ Primary Antibody ]****PPM1E Rabbit pAb****BioSS**  
**ANTIBODIES**

www.bioss.com.cn

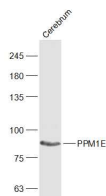
sales@bioss.com.cn

techsupport@bioss.com.cn

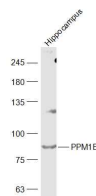
400-901-9800

**— DATASHEET —**

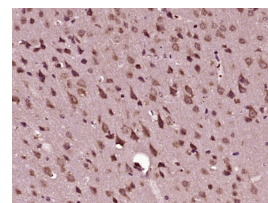
<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 22843 <b>Target:</b> PPM1E <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PPM1E: 321-420/764. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> This gene encodes a member of the PPM family of serine/threonine-protein phosphatases. The encoded protein is localized to the nucleus and dephosphorylates and inactivates multiple substrates including serine/threonine-protein kinase PAK 1, 5'-AMP-activated protein kinase (AMPK) and the multifunctional calcium/calmodulin-dependent protein kinases. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012]	<b>Isotype:</b> IgG <b>SWISS:</b> Q8WY54	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Zebrafish, Chicken, Horse) <b>Predicted MW.:</b> 85 kDa <b>Subcellular Location:</b> Cytoplasm ,Nucleus
--	---	---

**— VALIDATION IMAGES —**

Sample: Cerebrium (Mouse) Lysate at 40 ug  
 Primary: Anti-PPM1E (bs-21063R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 85 kD  
 Observed band size: 85 kD



Sample: Hippocampus (Mouse) Lysate at 40 ug  
 Primary: Anti-PPM1E (bs-21063R) at 1/1000 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 85 kD  
 Observed band size: 85 kD



Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); 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 (PPM1E) Polyclonal Antibody, Unconjugated (bs-21063R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.