

**bs-21935R****[ Primary Antibody ]****MAP4 Rabbit pAb****Bioss**  
**ANTIBODIES**

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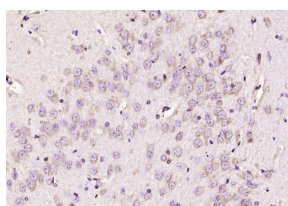
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 4134	<b>SWISS:</b> P27816	<b>IF</b> (1:100-500)
<b>Target:</b> MAP4		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human MAP4: 891-990/1156.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human, Rat (predicted: Mouse, Pig, Sheep, Cow, Dog, Horse)
<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>Predicted MW.:</b> 121 kDa
<b>Background:</b> The MAP4 (Microtubule associated protein 4) is a non neuronal microtubule associated protein. It promotes microtubule assembly. The phosphorylation of the Pro rich region in the C-terminus negatively regulates MAP4 activity to promote microtubule assembly.		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

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 (MAP4) Polyclonal Antibody, Unconjugated (bs-21935R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.