

bs-20429R**[Primary Antibody]****phospho-APG4B (Ser34) Rabbit pAb****BioSS**
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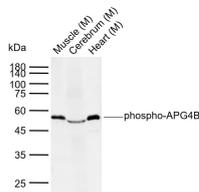
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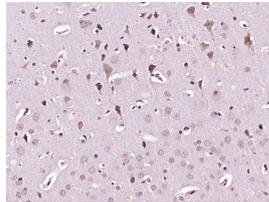
400-901-9800

— DATASHEET —

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 23192</p> <p>Target: phospho-APG4B (Ser34)</p> <p>Immunogen: KLH conjugated Synthesised phosphopeptide derived from human APG4B around the phosphorylation site of Ser34: KY(p-S)IF.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: ATG4B is a cysteine protease required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form (form II). Form II, with a revealed C-terminal glycine, is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes.</p>	<p>Isotype: IgG</p> <p>SWISS: Q9Y4P1</p>	<p>Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)</p> <p>Reactivity: Human, Mouse, Rat (predicted: Pig)</p> <p>Predicted MW.: 44 kDa</p> <p>Subcellular Location: Cytoplasm</p>
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Muscle tissue lysates
Lane 2: Mouse Cerebrum tissue lysates Lane 3:
Mouse Heart tissue lysates Primary: Anti-phospho-APG4B (Ser34) (bs-20429R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 50 kDa



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 (phospho-APG4B (Ser34)) Polyclonal Antibody, Unconjugated (bs-20429R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.