

**bs-3276R****[ Primary Antibody ]****phospho-MEK6 (Ser202) Rabbit pAb****BioSS**  
**ANTIBODIES**

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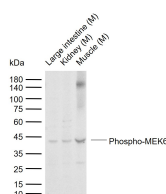
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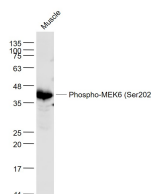
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5608**SWISS:** P52564**Target:** MEK6 (Ser202)**Immunogen:** KLH conjugated synthesised phosphopeptide derived from human MEK6 around the phosphorylation site of Ser202: GI(p-S)GY.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

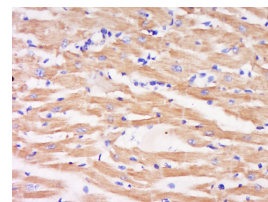
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Mitogen activated protein kinase kinase 6 (MEK6 or MKK6) belongs to the serine/threonine protein kinase family and the MAPK kinase subfamily (MAP2K, MKK or MEKs). MEK6, closely related to MEK3, catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38, thus activating it, in response to inflammatory cytokines and environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this protein is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis.**Applications:** **WB** (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Mouse, Rat  
(predicted: Human)**Predicted  
MW.:** 37 kDa**Subcellular  
Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Large intestine tissue lysates Lane 2: Mouse Heart tissue lysates Lane 3: Mouse Muscle tissue lysates Primary: Anti-Phospho-MEK6 (Ser202) (bs-3276R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kDa Observed band size: 42 kDa



Sample: Muscle (Mouse) Lysate at 40 ug Primary: Anti- Phospho-MEK6 (Ser202) (bs-3276R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 38 kD



Tissue/cell: Rat heart tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-MAPKK6 Polyclonal Antibody, Unconjugated(bs-3276R) 1:400, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining