

bs-4123R**[Primary Antibody]****phospho-MEK3 (Thr222) Rabbit pAb****BioSS**
ANTIBODIES

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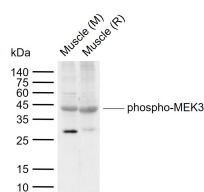
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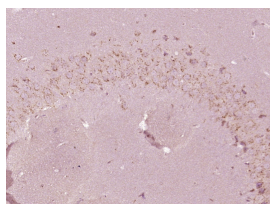
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5606	SWISS: P46734	IHC-F (1:100-500)
Target: MEK3 (Thr222)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human MEK3 around the phosphorylation site of Thr222: AK(p-T)MD.		Reactivity: Mouse, Rat (predicted: Human, Sheep, Cow, Chicken, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 39 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,Nucleus
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: The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersinia pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Muscle tissue lysates
Lane 2: Rat Muscle tissue lysates
Primary: Anti-phospho-MEK3 (Thr222) (bs-4123R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 39 kDa
Observed band size: 43 kDa



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 (phospho-MEK3 (Thr222)) Polyclonal Antibody, Unconjugated (bs-4123R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.