

bs-8664R**[Primary Antibody]****phospho-ZIP Kinase (Thr265) Rabbit pAb****BioSS**
ANTIBODIES

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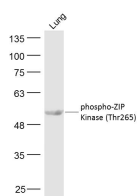
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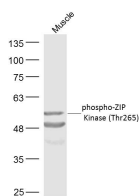
400-901-9800

— DATASHEET —

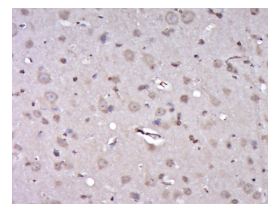
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 1613	SWISS: O43293	IHC-F (1:100-500)
Target: ZIP Kinase (Thr265)		IF (1:100-500)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human ZIP Kinase around the phosphorylation site of Thr265: RM(p-T)IA.		Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 53 kDa
Concentration: 1mg/ml		Subcellular Location: Nucleus
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Apoptosis is mediated by death domain containing adapter molecules and a caspase family of proteases. Certain serine/threonine protein kinases, such as ASK1 and RIP, are mediators of apoptosis. A novel serine/threonine kinase that mediates apoptosis was recently identified and designated ZIP kinase. ZIP kinase contains an N terminal kinase domain and a C terminal leucine zipper structure and binds to ATF4 that is a member of ATF/CREB family. ZIP kinase has high sequence homology to DAP kinase (death associated protein kinase), which is a mediator of apoptosis induced by gamma interferon. Overexpression of ZIP kinase induces apoptosis. ZIP and DAP kinases represent a novel kinase family, which mediates apoptosis through their catalytic activities. The messenger RNA was ubiquitously expressed in various tissues.		

— VALIDATION IMAGES —

Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-phospho-ZIP Kinase (Thr265) (bs-8664R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Sample: Muscle (Mouse) Lysate at 40 ug Primary: Anti-phospho-ZIP Kinase (Thr265) (bs-8664R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



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 (p-ZIP Kinase (Thr265)) Polyclonal Antibody, Unconjugated (bs-8664R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.