

bs-18256R**[Primary Antibody]****phospho-LIM Kinase 1 (Thr508) Rabbit pAb****BioSS**
ANTIBODIES

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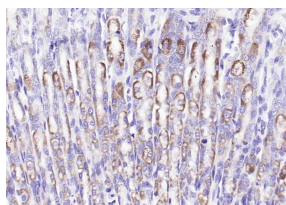
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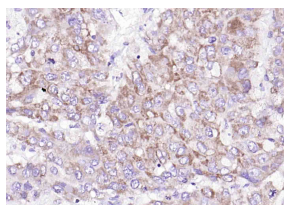
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 3984	SWISS: P53667	IF (1:100-500)
Target: phospho-LIM Kinase 1 (Thr508)		Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human LIM Kinase 1 around the phosphorylation site of Thr508: RY(p-T)VV.		Predicted MW.: 73 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm ,Nucleus
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: LIMK1 is a protein kinase which regulates actin filament dynamics. Phosphorylates and inactivates the actin binding/depolymerizing factor cofilin, thereby stabilizing the actin cytoskeleton. LIMK1 may be involved in brain development; it is highly expressed in both adult and fetal nervous system. Detected ubiquitously throughout the different regions of adult brain, with highest levels in the cerebral cortex. Expressed to a lesser extent in heart and skeletal muscle.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse stomach); 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-LIM Kinase 1 (Thr508)) Polyclonal Antibody, Unconjugated (bs-18256R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); 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-LIM Kinase 1 (Thr508)) Polyclonal Antibody, Unconjugated (bs-18256R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.