

bs-3023R**[Primary Antibody]****phospho-RUNX1 (Ser249) Rabbit pAb****BioSS**
ANTIBODIES

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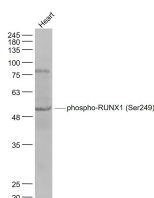
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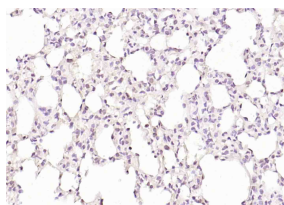
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 860	SWISS: Q01196	IHC-F (1:100-500)
Target: RUNX1 (Ser249)		IF (1:100-500)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human RUNX1 around the phosphorylation site of Ser249: QP(p-S)PP.		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, GuineaPig)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 50 kDa
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.		Subcellular Location: Nucleus
Background: This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric complex. Mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Heart (Mouse) Lysate at 40 ug Primary:
Anti- phospho-RUNX1 (Ser249) (bs-3023R) at
1/1000 dilution Secondary: IRDye800CW Goat
Anti-Rabbit IgG at 1/20000 dilution Predicted
band size: 50 kD Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (rat lung); 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-RUNX1 (Ser249)) Polyclonal Antibody, Unconjugated (bs-3023R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.