

bs-3256R**[Primary Antibody]****phospho-Lyn (Tyr507) Rabbit pAb****Bioss**
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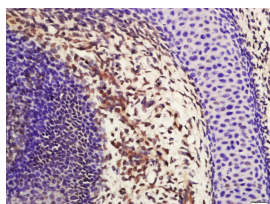
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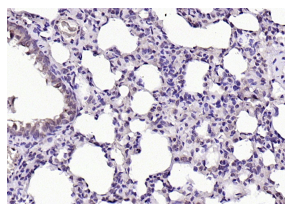
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 4067	SWISS: P07948	IF (1:100-500)
Target: Lyn (Tyr507)		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog, Cat, GuineaPig, Horse, Danio rerio)
Immunogen: KLH conjugated synthesised phosphopeptide derived from human Lyn around the phosphorylation site of Tyr507: GQ(p-Y)QQ.		Predicted MW.: 57 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane ,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: This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]		

— VALIDATION IMAGES —

Tissue/cell: mouse embryos 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-Phospho-Lyn (Tyr507) Polyclonal Antibody, Unconjugated (bs-3256R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



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-Lyn (Tyr507)) Polyclonal Antibody, Unconjugated (bs-3256R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=3.118]** Fu S et al. Berberine suppresses mast cell-mediated allergic responses via regulating FcεRI-mediated and MAPK signaling. *Int Immunopharmacol.* 2019 Jun;71:1-6. **WB ;Human.** 30861392
- **[IF=3.03]** He S et al. Avian leukosis virus subgroup J induces B cell anergy mediated by Lyn inhibited BCR signal transduction. *Vet Microbiol.* 2020 Aug;247:108781. **WB,IHC ;Chicken.** 32768227
- **[IF=3.03]** Shuhai He et al. Avian leukosis virus subgroup J induces B cell anergy mediated by Lyn inhibited BCR signal transduction. *Vet Microbiol.* 2020 Aug;247:108781. **WB,IHC ;chicken.** 32768227
- **[IF=3.47]** Debra Dorotea et al. KF-1607, a Novel Pan Src Kinase Inhibitor, Attenuates Obstruction-Induced Tubulointerstitial Fibrosis in Mice. *Biomol Ther (Seoul).* 2021 Jan 1;29(1):41-51. **WB ;mouse.** 32690822
- **[IF=2.3]** Ju Liu. et al. Denatonium benzoate promotes IgE-mediated mast cell degranulation and ovalbumin-induced

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

allergic diarrhea in BALB/c mice..ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY.2025 Mar 21. Western blot
;Rat. 40117235