

**bs-3257R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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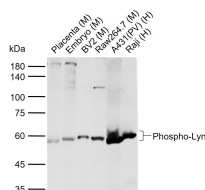
sales@bioss.com.cn

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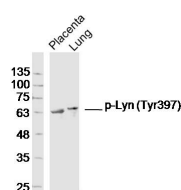
400-901-9800

**Phospho-Lyn (Tyr397) Rabbit pAb****— DATASHEET —**

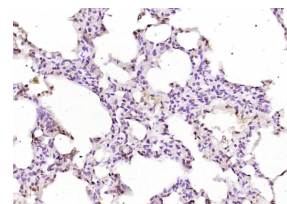
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 4067	<b>SWISS:</b> P07948	<b>IHC-F</b> (1:100-500)
<b>Target:</b> Phospho-Lyn (Tyr397)		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human Lyn around the phosphorylation site of Tyr397: NE(p-Y)TA.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Chicken)
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 56 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus
<b>Storage:</b> 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.		
<b>Background:</b> 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 —**

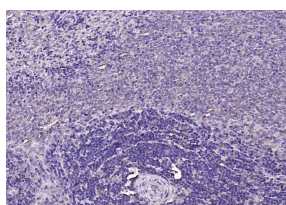
Sample: Lane 1: Mouse Placenta tissue lysates  
Lane 2: Mouse Embryo tissue lysates Lane 3:  
Mouse BV2 cell lysates Lane 4: Mouse Raw264.7  
cell lysates Lane 5: Human A431 cell lysates Lane  
6: Human Raji cell lysates Primary: Anti-  
Phospho-Lyn (Tyr397) (bs-3257R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 56 kDa Observed band size: 58 kDa



Sample: Placenta (Mouse) Lysate at 40 ug Lung  
(Mouse) Lysate at 40 ug Primary: Anti-Phospho-  
Lyn (Tyr397)(bs-3257R)at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 56kD  
Observed band size: 63kD



Paraformaldehyde-fixed, paraffin embedded  
(mouse lung tissue); 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 (Tyr397))  
Polyclonal Antibody, Unconjugated (bs-3257R)  
at 1:400 overnight at 4°C, followed by operating  
according to SP Kit(Rabbit) (sp-0023)  
instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat  
spleen tissue); 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 (Tyr397))  
Polyclonal Antibody, Unconjugated (bs-3257R)  
at 1:200 overnight at 4°C, followed by operating

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

## — SELECTED CITATIONS —

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- **[IF=5.4]** Xiangyu Liang. et al. Effects and potential mechanisms of *Saposhnikovia divaricata* (Turcz.) Schischk. On type I allergy and pseudoallergic reactions in vitro and in vivo. J ETHNOPHARMACOL. 2024 Jan;318:116942 WB ;Rat. 37487961
- **[IF=5]** Rezwanul Islam. et al. Macrophage Lyn Kinase Is a Sex - Specific Regulator of Post-Subarachnoid Hemorrhage Neuroinflammation. J AM HEART ASSOC. 2025 四月 25 WB ;Mouse. 40281655
- **[IF=3.8]** Islam Rezwanul. et al. Microglial TLR4-Lyn kinase is a critical regulator of neuroinflammation, A $\beta$  phagocytosis, neuronal damage, and cell survival in Alzheimer' s disease. SCI REP-UK. 2025 Apr;15(1):1-16 WB ;Mouse. 40175501
- **[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