bs-2906R **[Primary Antibody]**

Lyn Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 4067 **SWISS:** P07948

Target: Lyn

Immunogen: KLH conjugated synthetic peptide derived from human Lyn: 201-300/512.

Purification: affinity purified by Protein A

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]

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

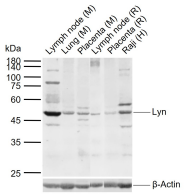
Reactivity: Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW.: 58 kDa

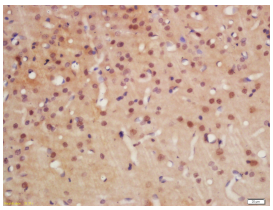
Observed MW.: 53 kDa

Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

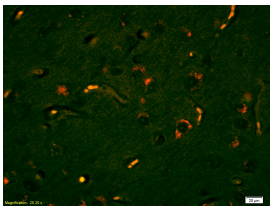
VALIDATION IMAGES



Sample: Lane 1: Mouse Lymph node tissue lysates Lane 2: Mouse Lung tissue lysates Lane 3: Mouse Placenta tissue lysates Lane 4: Rat Lymph node tissue lysates Lane 5: Rat Placenta tissue lysates Lane 6: Human Raji cell lysates Primary: Anti-Lyn (bs-2906R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 58 kDa Observed band size: 53 kDa



Tissue/cell: rat brain 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-Lyn Polyclonal Antibody, Unconjugated(bs-2906R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human glioma tissue;4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Lyn Polyclonal Antibody, PE conjugated (bs-2906R-PE) 1:200, used at 1:200 dilution for 60 minutes at 37°C. Excitation wavelength: 488nm, 555nm; Emission wavelength: 578nm

SELECTED CITATIONS

- **[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=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=0]** Hany Y Sayed. et al.Role of Lyn Immunohistochemical Staining in Progression of Colorectal Carcinoma..Asian Pacific Journal of Cancer Prevention.2025 Mar 1;26(3):943-948. IHC ;Human. 40156411

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