SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GFP Polyclonal Antibody

Catalog Number: SLA0122

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GFP
Immunogen:	Recombinant Green Fluorescence Protein
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℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:5000-20000) IP (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Species independent
Predicted MW.:	27 kDa
Background:	Enhanced Blue Fluorescent Protein (EBFP) emits a strong blue fluorescence. EBFP can be used as protein "tags" to study the sub-cellular localization of proteins and/or their translocation upon stimulation or as markers for transfection in transient and stable expression systems.

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

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[VALIDATION IMAGES]

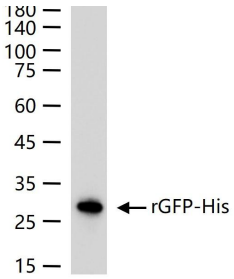


Figure 1. 50 ng rGFP-His protein (SL33009P) per lane probed with GFP polyclonal antibody respectively, unconjugated (SLA0122) at 1:10000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.

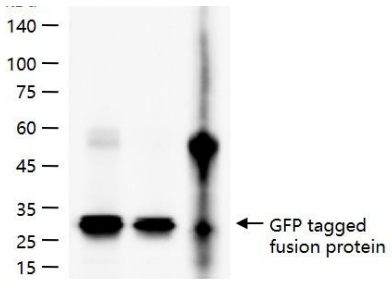


Figure 2. GFP tag was immunoprecipitated from GFP expression vector whole cell lysate with SLA0122 at 1/150 dilution. Western blot was performed from the immunoprecipitate using protein A/G beads. HRP conjugated Goat Anti-Rabbit IgG (H&L) was used as secondary antibody. Lane 1: GFP expression vector whole cell lysate (Input). Lane 2: SLA0122 IP in GFP expression vector whole cell lysate. Lane 3: native rabbit IgG IP in GFP expression vector whole cell lysate (negative control).
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