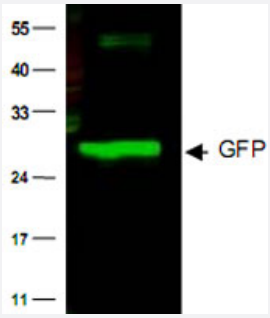
GFP polyclonal antibody

Catalog # PAB10342 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot of GFP protein detected with GFP polyclonal antibody (Cat # PAB10342).
Wild type GFP (0.1 ug) was used to spike 30 ug of a HeLa whole cell lysate.
This antibody detects a 27 KDa band corresponding to the epitope tag GFP.
A 4-20% Tris-Glycine gradient gel was used for SDS-PAGE.
The protein was transferred to nitrocellulose using standard methods.
After blocking with 5% BLOTTO in PBS, the membrane was probed overnight at 4°C with the primary antibody diluted in 5% BLOTTO to 1 : 1,000, followed by washes and reaction with a 1 : 10,000 dilution of IRDye® 800 conjugated Goat-a-Rabbit IgG [H&L] MX10.
IRDye® 800 fluorescence image was captured using the Odyssey® Infrared Imaging System developed by LI-COR.
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Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant GFP.
Immunogen	Recombinant protein corresponding to full length jellyfish Aequorea victoria GFP.
Host	Rabbit
Reactivity	Jellyfishes
Specificity	No reaction was observed against human, Mouse or Rat serum proteins.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.

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Recommend Usage	ELISA (1:24000-1:100000) Western Blot (1:500-1:5000) Immunohistochemistry (1:200-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM potassium phosphate buffer, 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

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