

GFP polyclonal antibody (Biotin)

Catalog # PAB31811

Size 100 ug

Applications



Western Blot

Western blot analysis of Lane: 50 ng of GFP. Lane 2: none. Primary antibody: none. Secondary antibody: GFP polyclonal antibody (Biotin) (Cat # PAB31811) was used at 1:5000 in Blocking Buffer for Fluorescent Western Blotting for 45 min at RT. HRP Streptavidin was used at 1:40,000 in Blocking Buffer for Fluorescent Western Blotting for 30 min at 20°C. Block: 5% Blotto 30 min at 20°C. Predicted/Observed size: 28 kDa for GFP. Other band(s): none.

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant GFP. The antibody is conjugated with Biotin.
Immunogen	Recombinant fusion protein corresponding to full length amino acid sequence (246 amino acids) derived from the jellyfish Aequorea victoria GFP.
Host	Rabbit
Specificity	wt, rGFP, eGFP. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, anti-biotin and purified and partially purified green fluorescent protein (Aequorea victoria). No reaction was observed against human, mouse and rat serum proteins.
Form	Lyophilized
Conjugation	Biotin
Preparation Method	This antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Green Fluorescent Protein (Aequorea victoria) coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Purification	Affinity chromatography
Isotype	IgG

Recommend Usage	ELISA (1:10000-1:50000) Immunofluorescence (1:5000) Immunohistochemistry (1:1000-1:5000) Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2 (10 mg/mL BSA (immunoglobulin and protease free), 0.01% (w/v) sodium azide).
Storage Instruction	Store vial at 4°C prior to restoration. After reconstitution with 100 uL deionized water (or equivalent), aliquot contents and freeze at -20°C or below for extended storage. Aliquot to avoid repeated freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Immunohistochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay