



## Anti-GFP Tag Rabbit Polyclonal Antibody

Cat #: ABT2021

Size: 50µl/200µl/200µl×5

### Product Information

	<b>Product Name:</b> Anti-GFP Tag Rabbit Polyclonal Antibody		
	<b>Applications:</b> WB, IF		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Mammals, Bacteria		
<b>REF</b>	<b>Catalog Number:</b> ABT2021	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** The green fluorescent protein (GFP) is a protein composed of 238 amino acid residues (26.9kD) that exhibits bright green fluorescence when exposed to light in the blue to ultraviolet range. Although many other marine organisms have similar green fluorescent proteins, GFP traditionally refers to the protein first isolated from the jellyfish. The GFP has a major excitation peak at a wavelength of 395 nm and a minor one at 475 nm. Its emission peak is at 509 nm, which is in the lower green portion of the visible spectrum.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000), IF(1:500)

**Storage Buffer:** Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

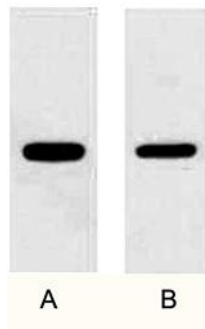


Fig. Western blot analysis of 1ug GFP fusion protein with Anti-GFP rabbit polyclonal antibody in 1:2000 (lane A) and 1:5000 (lane B) dilutions.

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