

Rabbit anti-Tag Antibody GFP Antibody | anti-GFP antibody

Rabbit anti GFP Polyclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14083	Rabbit	Tag Antibody	Western Blot, ELISA, Immunoprecipitation

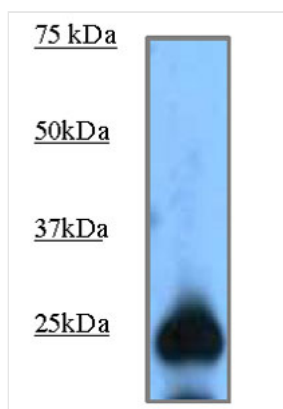
PRODUCT SYNONYMS

GFP; Rabbit anti GFP Polyclonal antibody; Rabbit anti-GFP; Green Fluorescent Protein; anti-GFP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tag Antibody
Isotype	IgG
Specificity	This antibody recognizes ~ 26 kDa of Green Fluorescent Protein. It is a tag antibody.
Purity/Purification	The Rabbit IgG is purified by Affinity Chromatography.
Form/Format	This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-GFP antibody	WB (Western Blot), ELISA, IP (Immunoprecipitation)
Application Notes	Suggested Working Dilutions: WB: 0.1-1 ug/ml, ELISA: 0.01-0.1 ug/ml, IP: 2-5 ug/ml Optimal dilutions should be determined by researchers for the specific applications.
Antigen Preparation	A full length GFP recombinant protein.
Positive Control	Recombinant or native GFP.
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C to 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

Western Blot: The cell lysate of T293 with over-expressed recombinant protein GFP was resolved onto 10% SDS-PAGE, then transferred onto NC membrane. Followed by an immune-blotting with Rabbit anti- GFP (AAA14083) at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	The Green Fluorescent Protein (GFP) from the jellyfish Aequorea victoria is used as a fluorescent indicator for monitoring gene expression in a variety of cellular systems, including living organisms and fixed tissues. Unlike other bioluminescent reporters, GFP fluoresces in the absence of substrates, cofactors, or other intrinsic or extrinsic proteins. Purified GFP is a 27 kDa monomer consisting of 238 amino acids and emits green light (emission maximum at 509 nm) when excited with blue or UV light.
References	Prendergast F, Mann K (1978). "Chemical and physical properties of aequorin and the green fluorescent protein isolated from Aequorea forskålea". Biochemistry 17 (17): 3448-53

NCBI AND UNIPROT INFORMATION

NCBI GI #	262348071
Molecular Weight	26.9 kDa
NCBI Official Full Name	GFP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/gfp/14083>