

Rabbit Green Fluorescent Protein (GFP) Polyclonal Antibody | anti-GFP antibody

Green Fluorescent Protein (GFP)

CATALOG # AAA76689	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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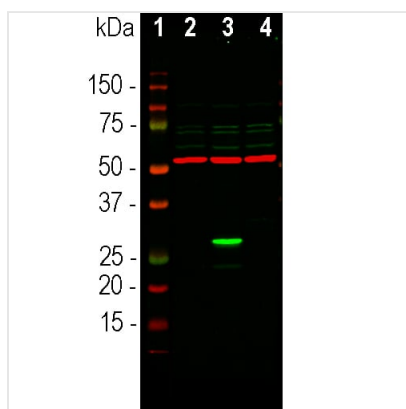
PRODUCT SYNONYMS

Green Fluorescent Protein (GFP); Polyclonal Antibody; anti-GFP antibody

PRODUCT SPECIFICATIONS

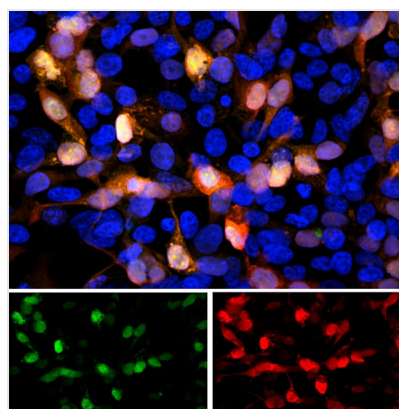
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Form/Format	Purified liquid antibody in 50% PBS, 50% glycerol plus 5mM of Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GFP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Green Fluorescent Protein purified from E Coli
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20 degree C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2-8 degree C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates of transfected HEK293 using rabbit pAb to GFP (in green), dilution 1:2,000. [1] protein standard, [2] non-transfected control cells, [3] cells transfected with a GFP construct, and [4] cells transfected with mCherry construct.



IF (Immunofluorescence)

Immunofluorescent analysis of transfected HEK293 cells with a GFP construct, in green, and stained with rabbit pAb to GFP, RA22134, dilution 1:2,000 in red. The blue is Hoechst staining of nuclear DNA. The GFP antibody reveals GFP protein expressed only in transfected cells, and as a result these cells appear orange-yellow in color.

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody

GFP (green fluorescent protein) is 27kDa protein; which was original isolated from the jellyfish (*Aequoria victoria*). This antibody was made against a recombinant GFP, from the *Aequoria* species, referred to as AcGFP. This antibody can be used to verify the expression, size and stability of both AcGFP and eGFP fusion proteins in western blotting experiments and to amplify GFP signals in tissues of transgenic animals.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169893
UniProt Accession #	P42212; Q17104; Q27903; Q93125
NCBI Official Full Name	Green fluorescent protein
UniProt Protein Name	Green fluorescent protein
UniProt Gene Name	GFP
UniProt Entry Name	GFP_AEQVI

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/polyclonal/green-fluorescent-protein-gfp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/76689>