

Goat RFP Polyclonal Antibody | anti-RFP antibody

RFP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13877	Goat	Reacts with Transfected cells proteins.	Western Blot, Immunofluorescence, Immunohistochemistry

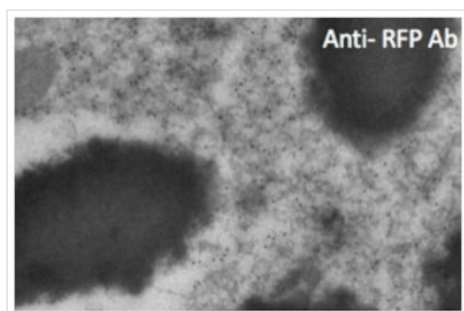
PRODUCT SYNONYMS

RFP; Polyclonal Antibody; RFP Polyclonal Antibody; Cherry fluorescent protein; dsRed; red fluorescent protein; tdTomato antibody; anti-RFP antibody

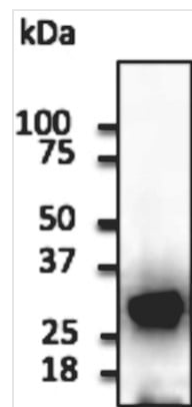
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Reacts with Transfected cells proteins.
Clonality	Polyclonal
Specificity	In 293HEK cells transfected with cds plasmid detects a band of 29 kDa by Western blot. This antibody also recognizes very well tdTomato and does not cross-react to GFP (green fluorescent protein).
Purity/Purification	This antibody is epitope-affinity purified from goat antiserum.
Form/Format	Polyclonal antibody supplied as a 100 ul (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Applicable Applications for anti-RFP antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Western blot: 1:500-1:2,000 Immunofluorescence: 1:50-1:500 Immunohistochemistry (paraffin): 1:50-1:500 Immunohistochemistry (frozen): 1:50-1:500
Immunogen	Purified recombinant RFP peptide produced in E Coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	For continuous use, store at 2-8 degrees C for one-two days. For extended storage, store in -20 degrees C freezer. Working dilution samples should be discarded if not used within 12 hours.

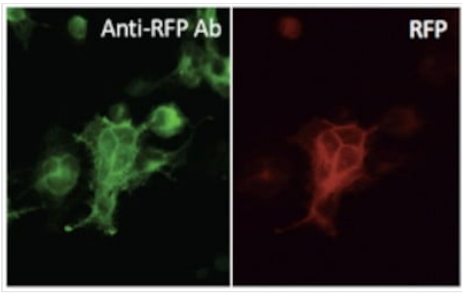
IMAGES


IHC (Immunohistochemistry)

Immunogold labeling of epithelium cells, in vivo injected with RFP expressing vector;


WB (Western Blot)

Anti-RFP Ab at 1/2,000 dilution; 293HEK cells transduced with RFP Ad; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



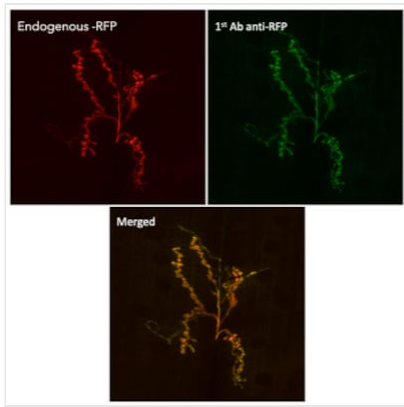
IF (Immunofluorescence)

Immunofluorescence – anti-RFP Ab in 293HEK cells transfected with RFP at 1/50 dilution; cells were fixed with 4% of PFA;

Reactivity Chart						
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Transfected cells	+++	+++	+++	+++	ND	+++

Reactivity Chart

+++ excellent, ++ good, + poor, ND - not determined



IF (Immunofluorescence)

Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing RFP in neurons (DyGlutRFP) using 1st Ab anti-RFP at 1/1,000 and 2nd Ab anti-goat IgY conjugated to DyLight®488 at 1/500;

ADDITIONAL INFORMATION

Related Product Information for anti-RFP antibody

Goat polyclonal antibody to RFP (Red fluorescent protein). RFP is derived from DsRed, an engineered red fluorescent protein from so-called disc corals of the genus *Discosoma*.

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/rfp-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/13877>