

Catalogue No.

AB0066-200
AB0066-500

Qty:

600 µg
1.5 mg

Anti-GFP

Source: Goat

General description: Goat polyclonal antibody to GFP (green fluorescent protein). GFP is a protein composed of 238 amino acid residues (26.9 kDa) that exhibits bright green fluorescence when exposed to blue light. In cell and molecular biology, the GFP protein is frequently used as a reporter of expression.

Alternative names: Green fluorescent protein antibody.

Form: Polyclonal antibody supplied as a 200 or 500 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide produced in E. coli.

Specificity: In 293HEK cells transfected with cds plasmid detects a band of 27 kDa by Western blot. This antibody does not recognize mCherry fluorescent protein.

Reactivity: Reacts with Transfected cells proteins

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

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

Usage:

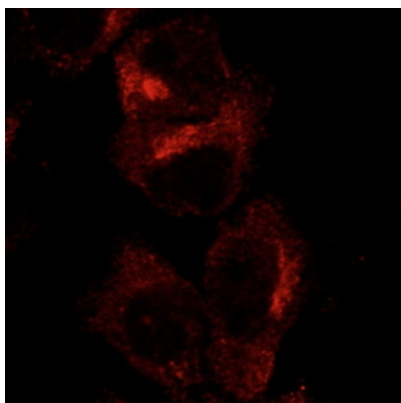
WB: 1:500-1:5,000
IF: 1:50-1:1,000
IHC (P): 1:50-1:1,000
IHC (F): 1:50-1:1,000

Storage: For continuous use, store at 2-8 deg;C for one-two days. For extended storage, store in -20 deg;C freezer. Working dilution samples should be discarded if not used within 12 hours.

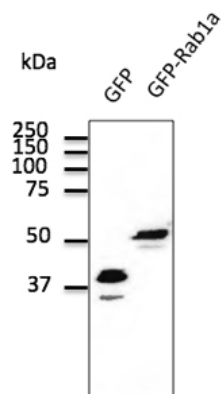
Special instructions: The antibody solution should be gently mixed before use..

References:

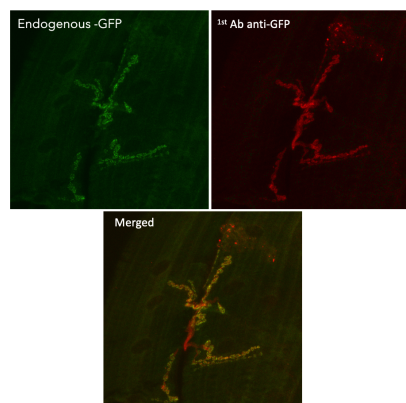
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Hepa1-6 transfected with GFP-Rab1a and immunostained with GFP Ab;



Anti-GFP Ab at 1/2,000 dilution; transfected 293HEK cell lysates at 100 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunofluorescence in Drosophila larvae NMJ muscle 6/7 expressing GluRIIA-GFP in neurons (GluRIIA is a post-synaptic protein) using 1st Ab anti-GFP at 1/1,000 and 2nd Ab anti-goat IgY conjugated to DyLight®550 at 1/500;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.