

Catalogue No. AB0020-200

Qty: 400 µg (2 mg/ml)

GFP Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to GFP (green fluorescent protein).

Alternative names: Green fluorescent protein antibody.

Form: Polyclonal antibody supplied as a 200 µl (2 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 recognize YFP and CFP and does not recognize RFP and mCherry fluorescent proteins.

Reactivity:

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
Transfected cells	+++	+++	+++	+++

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

Usage: Western blot 1:500-1:5,000
 Immunofluorescence 1:50-1:1,000
 Immunohistochemistry (paraffin) 1:50-1:1,000
 Immunohistochemistry (frozen) 1:50-1:1,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

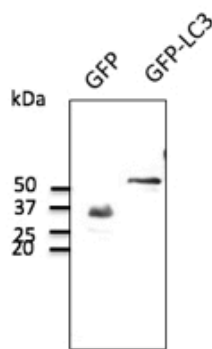
Special instructions: Avoid freeze/thaw cycles.

References:

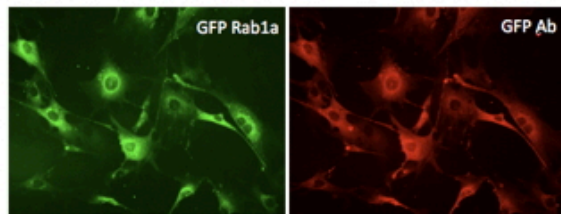
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2. Wu JS, Vyas P, Glowatzki E, et al. *J Comp Neurol.* 2017 Oct. PMID:29055051
3. Agarwal A, Wu PH, Hughes EG, et al. *Neuron.* 2017. PMID:28132831
4. Mimura Y, Takagi M, Clever M, et al. *J Cell Sci.* 2016 Nov. PMID:27802161
5. Vyas P, Wu JS, Zimmerman A, et al. *J Assoc Res Otolaryngol.* 2016 Sep. PMID:27696081
6. Vale-Costa S, Alenquer M, Sousa AL, et al. *J Cell Sci.* 2016 Mar. PMID:26940915
7. Martins-Marques T, Anjo SI, Pereira P, et al. *Mol Cell Proteomics.* 2015 Aug. PMID:26316108 Supplemental Information
8. Sargiannidou I, Kim GH, Kyriakoudi S, et al. *Neurogenetics.* 2015 Jul. PMID: 25771809
9. Kourtis M, Ikonomou G, Giakoumakis NN, et al. *Cell Signal.* 2015 Mar. PMID: 25744540

References (cont.)

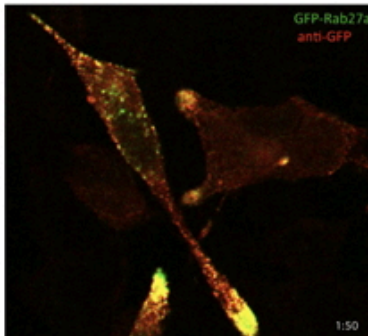
10. Paukert M, Agarwal A, Cha J, et al. *Neuron*. 2014 Jun. PMID: 24945771 Supplemental Information
11. Pais SV, Milho C, Almeida F, et al. *PLoS One*. 2013. PMID: 23431368



Anti-GFP Ab at 1/1,000 dilution; HEK293 transfected cell lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Primary fibroblasts transduced with Ad GFP-Rab1a and immunostained with with GFP Ab;



AtT-20 transfected with GFP-Rab27a and immunostained with with GFP Ab;

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.