

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-GFP tag



Numéro de catalogue: 50430-2-AP

516 Publications

Informations de base

Numéro de catalogue:

50430-2-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2128

Numéro d'acquisition GenBank:

U73901

Identification du gène (NCBI):

Nom complet:

MW calculé

26 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:2000-1:20000 for WB

IF 1:20-1:200

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, IP, IP-MS, RIP, WB

Spécificité de l'espèce:

Protéine recombinante, Aequorea Victoria

Espèces citées:

rat, souris

Contrôles positifs:

WB : Protéine recombinante, cellules HEK-293 transfectées

IP : cellules HEK-293 transfectées,

IF : cellules HEK-293 transfectées,

Informations générales

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. Green fluorescence protein(GFP) is a protein composed of 238 amino acid residues(26.9kDa) derived from the Jellyfish Aequorea victoria, which emits green light(emission peak at 509nm) when excited by blue light(excitation peak at 395nm). GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. EGFP contains the double-amino-acid substitutions Phe-64 to Leu and Ser-65 to Thr(previously published as GFPmut1; PMID: 8707053). In contrast to wtGFP, EGFP has a single, strong, red-shifted excitation peak at 488nm. GFPmut1 fluoresces 35-fold more intensely than wtGFP when excited at 488nm, due to an increase in its extinction coefficient(Em). This antibody is a rabbit polyclonal antibody raised against full-length eGFP and reactive against all variants of Aequorea victoria GFP such as S65T-GFP, RS-GFP, YFP, CFP and eGFP.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bin Li	28962583	Stem Cell Res Ther	IF
Chao Li	26317901	Oncotarget	
Yuqi Zhai	36168805	Open Biol	IP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

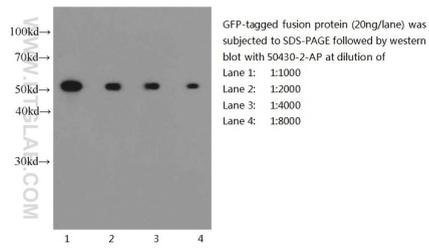
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

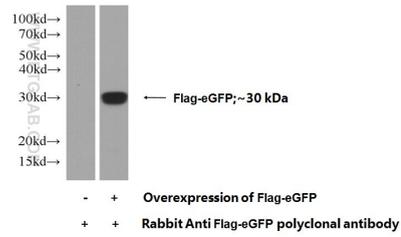
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

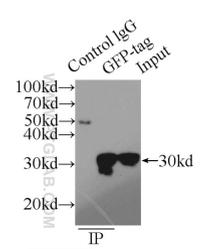
Données de validation sélectionnées



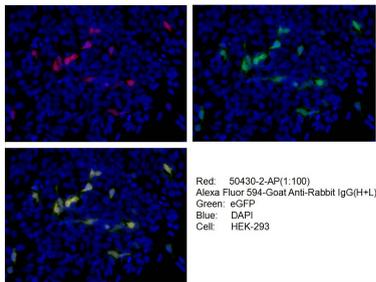
Western blot of eGFP-tagged fusion protein with anti-eGFP-tag (50430-2-AP) at various dilutions.



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 50430-2-AP (GFP tag Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-GFP tag (IP:50430-2-AP, 4ug; Detection:50430-2-AP 1:5000) with Transfected HEK-293 cells lysate 300ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using 50430-2-AP (GFP tag antibody) at dilution of 1:100 and Alexa Fluor 594-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).