

Allgemeine Informationen

Katalog-Nr.: 50430-2-AP	GenBank-Zugangsnummer: U73901	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von Nanodrop;	GeneID (NCBI): Vollständiger Name:	Empfohlene Verdünnungen: WB 1:1000-1:4000 IP 0.5-4.0 ug für IP und 1:2000-1:20000 für WB
Wirt: Kaninchen	Berechnete Masse: 26 kDa	IF 1:20-1:200
Isotyp: IgG		
Immunogen Katalognummer: AG2128		

Anwendungen

Geprüfte Anwendungen: IF, IP, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: ChIP, CoIP, IF, IHC, IP, IP-MS, RIP, WB	WB : recombinant protein, Transfizierte HEK-293-Zellen
Getestete Reaktivität: Aequorea Victoria, Rekombinantes Protein	IP : Transfizierte HEK-293-Zellen,
Zitierte Arten: Maus, Ratte	IF : Transfizierte HEK-293-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

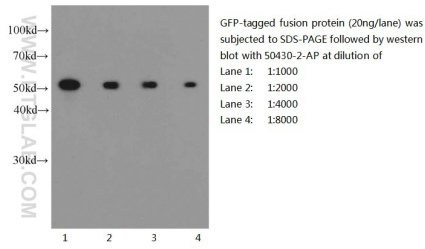
For technical support and original validation data for this product please contact:

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

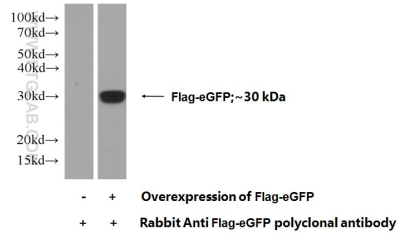
E: proteintech@ptglab.com
W: ptglab.com

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

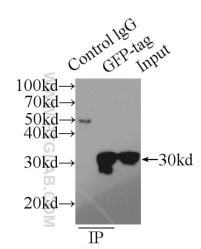
Ausgewählte Validierungsdaten



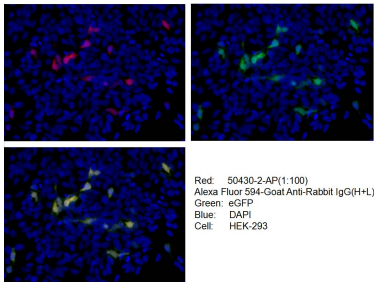
Western blot of eGFP-tagged fusion protein with anti-eGFP-tag (50430-2-AP) at various dilutions.



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).