

For Research Use Only

Red fluorescent protein Polyclonal antibody



Catalog Number: 28063-1-AP

Basic Information

Catalog Number:

28063-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27893

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

Q8ISF8

Full Name:

Calculated MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Recombinant Protein, Parascyonis actinostoloides

Positive Controls:

WB: Transfected HEK-293 cells,

Background Information

Red fluorescent proteins (RFPs) is a collective term referring to a heterogenous group of red chromophore-carrying proteins, originating from various species and forming different protein lineages. The original RFP (dsRed) is a 225 amino acid fluorescent protein (25.9 kDa) derived from *Discosoma* sp.. It emits red light with a peak wavelength of 593 nm upon excitation by green light (excitation peak at 558 nm). When fused with other proteins, RFP serves as a versatile reporter protein e.g. for quantifying expression levels or facilitates visualization of subcellular localization through fluorescence microscopy. This antibody is a rabbit polyclonal antibody raised against RFP from *Entacmaea quadricolor* (eqFP611).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

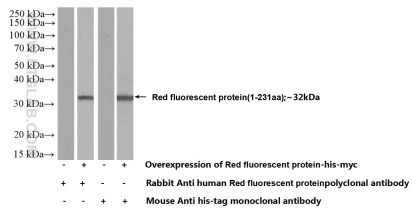
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



WB result of Red fluorescent protein antibody (28063-1-AP; 1:1000; room temperature for 1.5 hours) with negative control and Red fluorescent protein overexpressed Transfected HEK-293 cells.