

For Research Use Only

# Luciferase Polyclonal antibody

Catalog Number: 27986-1-AP **5 Publications**



## Basic Information

Catalog Number:

27986-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27633

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

P08659

Full Name:

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

firefly, recombinant protein

Cited Species:

human

Positive Controls:

WB: Transfected HEK-293 cells,

## Background Information

Luciferase produces green light with the wavelength of 562 nm. Luciferase catalyzes the reaction: D-firefly luciferin + O<sub>2</sub> + ATP = firefly oxyluciferin + CO<sub>2</sub> + AMP + diphosphate + light. This antibody detects the Luciferase protein of Photinus pyralis (Common eastern firefly) (*Lampyrus pyralis*).

## Notable Publications

Author	Pubmed ID	Journal	Application
Maria C Passarelli	35288656	Nat Cell Biol	WB
Doowon Huh	33346941	EMBO J	WB
Aixin Li	34133897	J Virol	WB

## 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:

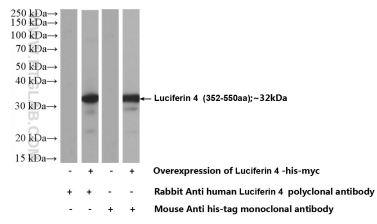
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



WB result of Luciferase antibody (27986-1-AP; 1:1000; room temperature for 1.5 hours) with negative control and Luciferase overexpressed Transfected HEK-293 cells.