

For Research Use Only

Luciferase Polyclonal antibody

Catalog Number: 27986-1-AP

8 Publications



Basic Information

Catalog Number:

27986-1-AP

Concentration:

900 ug/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, IHC

Species Specificity:

firefly, recombinant protein

Cited Species:

human, mouse

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 + O₂ + ATP = firefly oxyluciferin + CO₂ + 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:

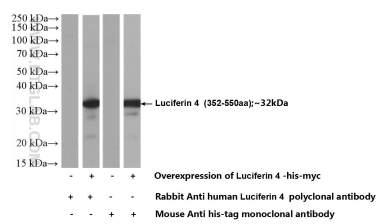
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W: ptgcn.com

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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.