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Luciferase Antibody
Purified Goat Polyclonal Antibody
Catalog # ABV11563

Specification

Luciferase Antibody - Product Information

Application	**WB, IHC, E**
Host	**Goat**
Clonality	**Polyclonal**
Isotype	**Goat IgG**

Luciferase Antibody - Additional Information

Other Names
Chinese Firefly luciferase

Target/Specificity
Luciferase

Formulation
500 µg (10 mg/ml) goat anti-Luciferase (firefly) polyclonal antibody in 0.02 M potassium Phosphate and 0.15 M sodium chloride, pH 7.2.

Handling
The antibody solution should be gently mixed before use.

Background Descriptions

Precautions
Luciferase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Luciferase Antibody - Protein Information

Luciferase Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

- Cell Culture

Luciferase Antibody - Images

Luciferase Antibody - Background

The Firefly luciferase is a genetically modified variant derived from the Luciferase of Diaphanes pectinealis endemic to Yunnan province, China. It has been modified to provide enhanced stability compared to the normal phenotype of Photinus pyralis as well as a broader and more physiologically relevant effective pH range. Luciferase has been used as a sensitive reporter for studying gene regulation and function. Firefly luciferase catalyzes the oxidative carboxylation of luciferin, a reaction with the highest efficiency of any known bioluminescence reaction.