

Datasheet for ABIN1399605  
**anti-Luciferase antibody (AbBy Fluor® 350)**



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## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | Luciferase  |
| Reactivity:  | Firefly   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This Luciferase antibody is conjugated to AbBy Fluor® 350   |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                             |  |
|-----------------------------|--|
| Immunogen:                  | KLH conjugated synthetic peptide derived from Firefly Luciferase |
| Isotype:                    | IgG  |
| Cross-Reactivity:           | Tag  |
| Cross-Reactivity (Details): | Photinus pyralis (Common eastern firefly)                        |
| Purification:               | Purified by Protein A.   |

## Target Details

|             |                                     |
|-------------|-------------------------------------|
| Target:     | Luciferase                          |
| Abstract:   | <a href="#">Luciferase Products</a> |
| Background: | Synonyms: Luciferin 4-monooxygenase |

## Target Details

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Background: Luciferase from the firefly has become one of the more widely used reporter proteins for the study of gene expression. Luciferase catalyzes a bioluminescent reaction which requires the substrate luciferin as well as Mg<sup>2+</sup> and ATP. Mixing these reagents with the cell extract containing luciferase, results in a flash of light that decays rapidly. This light can be detected by a luminometer. The total light emission is proportional to the luciferase activity of the sample.

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Gene ID: 7100

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months