

Datasheet for ABIN1399606
anti-Luciferase antibody (AbBy Fluor® 488)



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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® 488
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:	Luciferase Products
Background:	Synonyms: Luciferin 4-monooxygenase

Target Details

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 Mg²⁺ 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.

Gene ID: 7100

Application Details

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

Restrictions: For Research Use only

Handling

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