Datasheet for ABIN926113

anti-Luciferase antibody

1 Publication

Go to Product page

Overview

Quantity:	2 mL
Target:	Luciferase
Reactivity:	Vibrio fischeri
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Luciferase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Luciferase antibody was raised in Rabbit using Luciferase [Photobacterium fischerii] protein as the immunogen.

Target Details

Target:	Luciferase
Abstract:	Luciferase Products
Background:	Luciferase is a generic term for the class of oxidative enzymes used in bioluminescence. Firefly luciferase as a laboratory reagent usually refers to P. pyralis luciferase although recombinant luciferases from several other species of fireflies are also commercially available. Synonyms: Polyclonal Luciferase antibody, Anti-Luciferase antibody, Alkanal monooxygenase alpha chain antibody, Bacterial luciferase alpha chain antibody, EC1.14.14.3 antibody, luxA antibody, Alkanal monooxygenase beta chain antibody, Bacterial luciferase beta chain antibody, luxB antibody.

Application Details

Application Notes:	ELISA: 1:5,000-1:25,000, Immunochemistry: 1:500-1:2,500, ImmunoPrecipitation: 1:100, Western Blot: 1:1,000-1:5,000 Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Supplied in liquid form in 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride and 0.01 % (w/v) Sodium Azide as a preservative, pH 7.2.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage. For long term storage, aliquot and freeze at -20 °C.

Publications

Product cited in:	Mezzanotte, Blankevoort, Löwik, Kaijzel: "A novel luciferase fusion protein for highly sensitive optical imaging: from single-cell analysis to in vivo whole-body bioluminescence imaging." in: **Analytical and bioanalytical chemistry**, Vol. 406, Issue 23, pp. 5727-34, (2015) (PubMed).