

Product Datasheet

Luciferase Antibody (orb750437)

Description	luxA antibody
Species/Host	Rabbit
Conjugation	Unconjugated
Tested Applications	DOT, ELISA, IHC, IP, WB
Immunogen	Luciferase [Photobacterium fischerii]
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Lyophilized
Concentration	90 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Luciferase Antibody has been tested by dot blot and is suitable for western blotting, immunohistochemistry, immunoprecipitation, and ELISA. Researchers should determine optimal titers for applications that are not stated below.
Isotype	Antiserum
Clonality	Polyclonal
Antibody Type	Primary Antibody

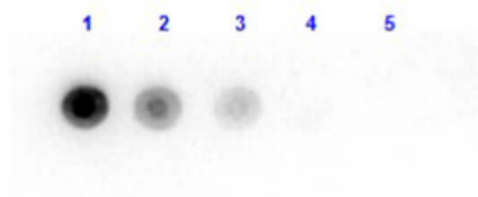
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Purity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Luciferase [<i>Photobacterium fischerii</i>]. Cross reactivity against Luciferase from other tissues and species may occur but have not been specifically determined.
Uniprot ID	P19907
NCBI	P29238.1
Dilution Range	ELISA: 1:5,000 - 1:25,000, IHC: 1:500 - 1:2,500, IP: 1:100, WB: 1:1,000 - 1:5,000
Expiration Date	12 months from date of receipt.



Dot Blot results of Rabbit anti-Luciferase Antibody. Dots are Luciferase (*Photobacterium fischerii*) at (1) 100 ng, (2) 33.3 ng, (3) 11.1 ng, (4) 3.70 ng, (5) 1.23 ng. Blocking: orb348637 for 60 min at RT. Primary Antibody: Rabbit anti-Luciferase at 1 ug/ml 1hr RT. Secondary Antibody: Goat Anti-Rabbit IgG HRP orb347654 at 1:40000 for 30 min RT.

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