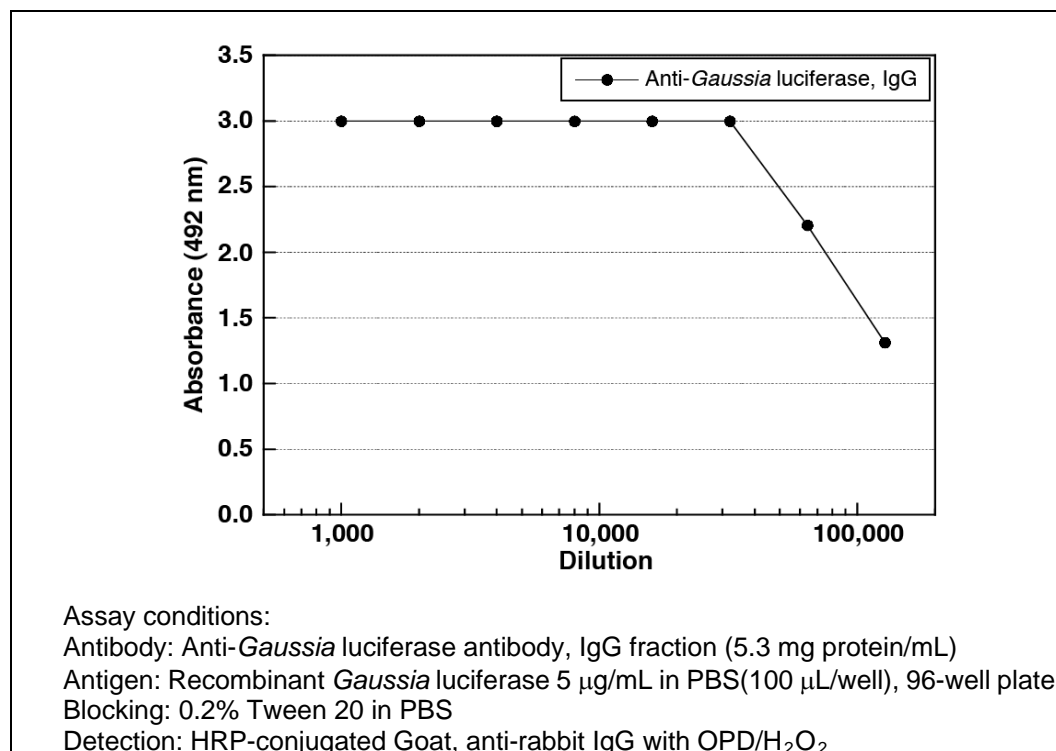
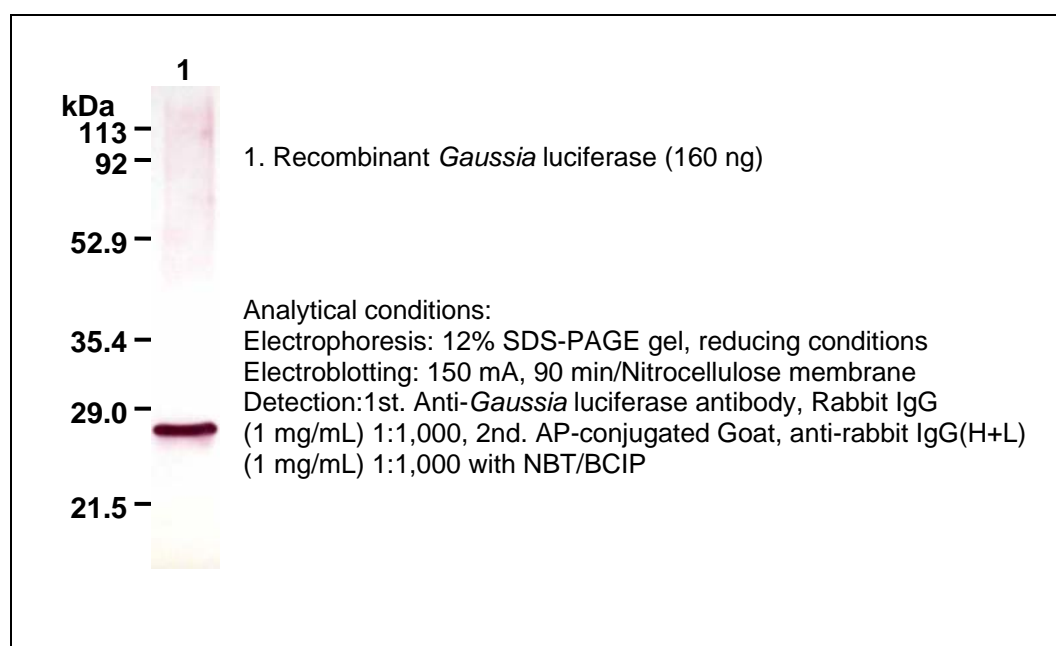


Anti- <i>Gaussia</i> luciferase antibody, Rabbit IgG fraction, Polyclonal	
Cat. No.	A-005
Target:	<i>Gaussia</i> luciferase ¹⁾
Synonyms:	Anti- <i>Gaussia</i> luciferase antibody
Host:	Rabbit
Clonality:	Polyclonal
Subclass (Isotype):	IgG
Immunogen species:	<i>Gaussia princeps</i>
Immunogen:	Anti- <i>Gaussia</i> luciferase antibody was raised against recombinant <i>Gaussia</i> luciferase ²⁾
Reactivity:	High reactivity with <i>Gaussia</i> luciferase. Other luciferases have not been tested.
Purification:	Protein A purified
Physical state:	Liquid
Buffer:	PBS solution
Preservative:	0.1% Sodium azide (NaN ₃)
Recommended Storage:	Store at 4 °C
Shipping condition:	Wet ice only, Standard handling
Size:	0.1 mL
Protein concentrations:	1.0 mg/mL by UV absorbance at 280 nm
Uses:	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows. ELISA : 1:10,000 Western blot : 1:1,000
References:	1) Bryan BJ, Szent-Gyorgyi C. (1998) Luciferases, fluorescent proteins, nucleic acids encoding the luciferases and fluorescent proteins and the use thereof in diagnostics PCT/US1999/006698 2) Inouye S, Sato J, Sahara-Miura Y. (2011) Recombinant <i>Gaussia</i> luciferase with a reactive cysteine residue for chemical conjugation: expression, purification and its application for bioluminescent immunoassays. Biochem. Biophys. Res. Commun. 410:792-797 (PMID: 21703234).
Laboratory Reagent For Research Use Only	
Not for resale without prior written consent from JNC Corporation.	

Detection of recombinant *Gaussia* luciferase by ELISA



Detection of recombinant *Gaussia* luciferase by Western blot analysis



**Anti-*Gaussia* luciferase Antibody
Protein A Purified**

Produced in Rabbit

Catalog No.	Size
A-005	0.1 mL

MATERIAL SAFETY DATA SHEET**Contents Description**

This product contains rabbit immunoglobulin G (IgG) protein in PBS with 0.1% Sodium Azide (NaN_3).

Hazardous Ingredients

Rabbit IgG Protein - No known toxicity for this biological material.

Sodium Azide (NaN_3) - CAS No. 26628-22-8
<0.1 %, No hazardous at this concentration.

AZIDE FORMS EXPLOSIVE CHEMICAL COMPOUNDS WITH LEAD AND COPPER PLUMBING. CARE MUST BE TAKEN TO WASH WASTE DOWN DRAINS WITH LARGE VOLUMES OF WATER.

LD50 oral mouse - 27 mg/kg.

Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. JNC Corporation shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.

Supplier	Contact us
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