

Rev06
Update: Nov,03,2023**DATASHEET**

Streptavidin Antibody, pAb, Rabbit

Cat. No.: A00621

Overview

Specificity	GenScript Streptavidin Antibody is specific to streptavidin.
Host Species	Rabbit
Immunogen	Purified recombinant streptavidin
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Application	Recommended Usage
ELISA	0.5-1 µg/ml
Dot blot	0.5-1 µg/ml
Western Blot	0.5-1 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized in PBS, pH7.4, containing 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 5 mg/ml.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A/G affinity column

GenScript USA, Inc.

860 Centennial Ave. Piscataway, NJ 08854

Tel: 1-732-885-9188

Isotype	Rabbit IgG
Clonality	Polyclonal
Clone ID	Not applicable
Note	Briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap because small volumes of antibody will occasionally become entrapped in the seal of the product vial during shipment and storage.

Background

Target Background : Streptavidin is a tetrameric protein from *Streptomyces avidinii* that binds very tightly to the vitamin biotin with a K_d of $\approx 10^{-14}$ mol/L. The high-affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits. GenScript Streptavidin Antibody is developed in rabbit using purified Streptavidin and highly purified from rabbit antiserum by protein G resin.

Synonyms : Rabbit Anti-Streptavidin pAb; Anti Streptavidin

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China