Streptavidin Polyclonal Antibody

Catalog Number:E-AB-40552

Note: Centrifuge before opening to ensure complete recovery of vial contents.

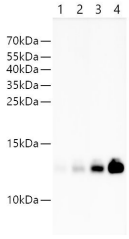
Description

Reactivity	All
Immunogen	Native Streptomyces Avidinii streptavidin protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4

Applications — Recommended Dilution

WB	1:500-2000

Data



Western blotting of Streptavidin with anti-Streptavidin rabbit polyclonal antibody at dilution of 1:1000. Lane 1 : Recombinant Streptavidin protein at 6.25ng; Lane 2 : Recombinant Streptavidin protein at 12.5ng; Lane 3: Recombinant Streptavidin protein at 25ng; Lane 4: Recombinant Streptavidin protein at 50ng

Observed Mw:40kDa

Calculated Mw:40kDa

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

Streptavidin is a biotin-binding protein found in the culture broth of the bacterium Streptomyces. Streptavidin can bind to four moles of biotin per mole of protein with extremely high affinity, approximately 10,000-15,000 Da. Streptavidin lacks the carbohydrate side chains present on avidin and has an isoelectric point of 6.5 to avidin's 10 far closer to that at which most useful biological interactions occur. As a result, Streptavidin frequently exhibits much lower non-specific binding than avidin does.

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