

Streptavidin (AP)

Cat. No. GTX30954

Applications WB, ELISA, IHC

Package
1 ml

PRODUCT

Summary

Streptavidin is a 55 kDa (subunit MW 14 kDa) biotin-binding protein isolated from *Streptomyces avidini*. Streptavidin is superior to avidin, because it does not contain carbohydrate like avidin and has no net charge at neutral pH. Streptavidin~biotin system is routinely used in Immunohistochemistry (IHC). Extinction Coefficient 1% A280=32.0; Electrophoretically homogenous, single band; Protein content: > 95%;

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000- 1:10,000 (0.1-1.0 µg/ml)
ELISA	1:2,000-1:20,000 (50-500 ng/ml)
IHC	1:200-1:1,000 (1-5 µg/ml)

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM Tris-HCl, 200mM NaCl, 10 mg BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
Conjugation	Alkaline Phosphatase (AP)

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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