

# Streptavidin (AP)

**Cat. No. GTX85909**

## Applications

WB, ELISA, IHC

## Package

500 µl

## 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; Protein content: > 95%; Alkaline Phosphatase (ALP) used in this conjugation is 140 KDa enzyme purified from calf intestine.

## Applications

### Application Note

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

### Suggested dilution

### Recommended dilution

WB	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Not tested in other applications.

## Properties

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

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