

## Streptavidin (HRP)

## Cat. No. GTX85912

## Applications

WB, ELISA, IHC

## References ( 6 )

## Package

500 µg

## PRODUCT

Streptavidin is a 22- 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.

## Summary

Streptavidin~biotin system is routinely used in Immunohistochemistry (IHC). Extinction Coefficient 1% A280=32.0. Protein content: > 95%; Peroxidase used for conjugation is 44 kDa glycoprotein isolated from horseradish roots. The Rz (Reinhetszahl), absorbance ratio of A403/A275 is ~3.0. One mg of Streptavidin is conjugated with peroxidase, in equimolar ratio. Unconjugated Streptavidin is removed.

## 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

Form	Liquid
Buffer	10mM Phosphate, 200mM NaCl, 1% BSA
Preservative	0.05% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Conjugation	Horseradish peroxidase(HRP)

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## Note

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