

Datasheet for ABIN916764

**anti-Streptavidin antibody (Biotin)****1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Streptavidin
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Streptavidin antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant Streptavidin
Isotype:	IgG
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Streptavidin
Purification:	Purified by Protein A.

## Target Details

Target:	Streptavidin
Abstract:	<a href="#">Streptavidin Products</a>
Background:	Synonyms: SA protein, SA V1, SA V2, Streptavidin V1, Streptavidin V2, SAV1_STRVL.

## Target Details

Background: Streptavidin is biotin-binding protein that was originally isolated from *Streptomyces avidinii*. In contrast to avidin, streptavidin has no carbohydrate and has a mildly acidic pI of 5. Streptavidin products use a recombinant form of streptavidin having a mass of 53,000 daltons and a near-neutral pI. Streptavidin is a tetrameric protein, with each subunit binding one molecule of biotin with affinity similar to that of avidin. Guanidinium chloride will dissociate avidin and streptavidin into subunits, but streptavidin is more resistant to dissociation.

## Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

## Publications

Product cited in:	Wang, Deng, Ren, Jia, Zhang, Li, Li, Zhou: "STAT3 influences the characteristics of stem cells in cervical carcinoma." in: <b>Oncology letters</b> , Vol. 14, Issue 2, pp. 2131-2136, (2017) ( <a href="#">PubMed</a> ).
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