

Strep-Tag II Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10757**Specification**

Strep-Tag II Antibody - Product Information

Application	WB
Reactivity	All Species
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Strep-Tag II Antibody - Additional Information

Positive Control	Strep-Tag II protein ladder (Lane 1)
Application & Usage	The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually.

Other Names

Strep-Tag II, anti-Strep-Tag II, Strep-Tag II antibody, Strep-Tag II antibody

Target/Specificity

Strep-Tag II

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-Strep-Tag II polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30 % glycerol, 0.5 % BSA, 5 mM EDTA and 0.01 % thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Strep-Tag II Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

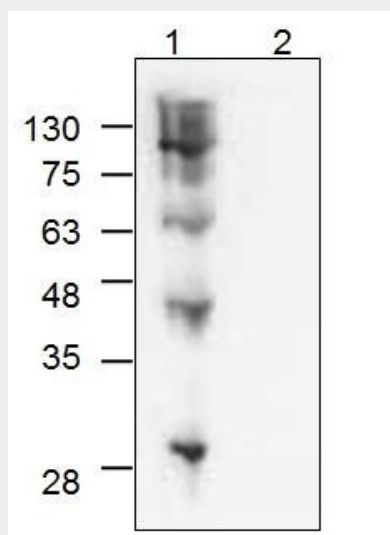
Strep-Tag II Antibody - Protein Information

Strep-Tag II Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Strep-Tag II Antibody - Images



Western blot analysis of Strep-Tag II protein ladder (Lane 1) and ApoE4 control protein without Strep-Tag II (Lane 2) using anti-Strep-Tag II antibody.

Strep-Tag II Antibody - Background

Streptavidin is a tetrameric protein purified from *Streptomyces avidinii*. It has wide use in numerous molecular biological protocols due to its strong affinity for biotin. The original Strep-tag (AWRHPQFGG) was a nine amino acid peptide with high specificity and affinity towards streptavidin which allows the simple purification of protein by use of affinity columns, but required addition to only the C-terminus of recombinant proteins. To also allow a Strep-tag to be placed at the N-terminus of recombinant proteins, it was re-engineered and re-named Strep-tag II.