

Product datasheet

Anti-Strep-tag II antibody ab76950

2 References 1 Image

Overview

Product name	Anti-Strep-tag II antibody
Description	Rabbit polyclonal to Strep-tag II
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Species independent
Immunogen	Amino acid sequence gggWSHPQFEK. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Streptavidin tagged recombinant protein

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	Affinity chromatography purified via peptide column
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab76950** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

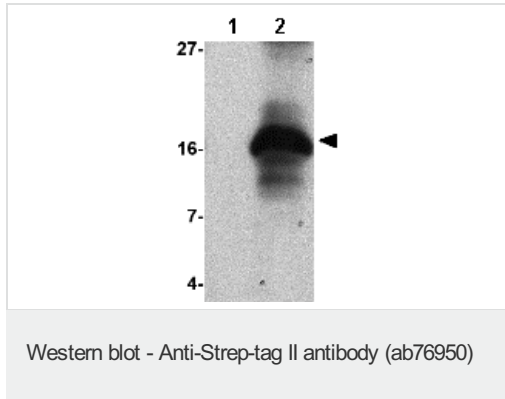
Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 24 kDa.

Target

Relevance

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.

Images



All lanes : Anti-Strep-tag II antibody (ab76950) at 1 µg/ml

Lane 1 : Streptavidin tagged recombinant protein with blocking peptide

Lane 2 : Streptavidin tagged recombinant protein

Lysates/proteins at 0.05 µg per lane.

Predicted band size: 24 kDa

Observed band size: 18 kDa

[why is the actual band size different from the predicted?](#)

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