

## Strep-tag II Antibody

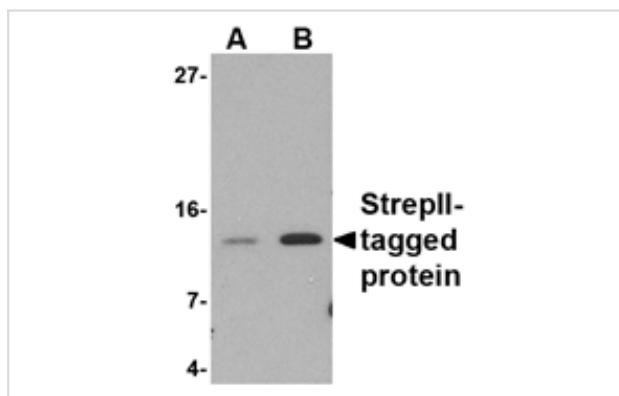
Catalog No: #24579

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## Description

Product Name	Strep-tag II Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Immunogen Type	Peptide
Immunogen Description	Raised against the amino acid sequence $\Gamma$ B'Γ °asWSHPQFEKgaΓ B'Γ ±.
Target Name	Strep-tag II
Other Names	Strep-tag II (NT), StrepII-tag
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of (A) 5 and (B) 25ng of StrepII-tagged recombinant protein with StrepII antibody at 1 ug/mL.

## 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 is a nine amino acid peptide with high specificity and affinity towards streptavidin. The addition of this tag to the C-terminus of recombinant proteins allowed the simple purification of protein by use of affinity columns. It was re-engineered (and re-named Strep-tag II) to allow it to also be placed at the N-terminus of recombinant proteins.

## Published Papers

el at., PKC $\delta$  promotes fertilization of mouse embryos in early development via the Cdc25B signaling pathway. In *Exp Ther Med* on 2019 Nov; by Liu Y, Deng X, et al.. PMID:31602201, (2019)

[PMID:31602201](https://pubmed.ncbi.nlm.nih.gov/31602201/)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.