10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

StrepII-tag Antibody
Catalog # ASC10540

Specification

StrepII-tag Antibody - Product Information

Application	**WB, E**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**StrepII-tag antibody can be used for the detection of StrepII by Western blot at 1 µg/mL.**

StrepII-tag Antibody - Additional Information

Reconstitution & Storage
StrepII-tag antibody can be stored at 4℃ for three months and -20℃, stable for up to 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.

Precautions
StrepII-tag Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

StrepII-tag Antibody - Protein Information

StrepII-tag 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 Cytomety
- Cell Culture

StrepII-tag Antibody - Images

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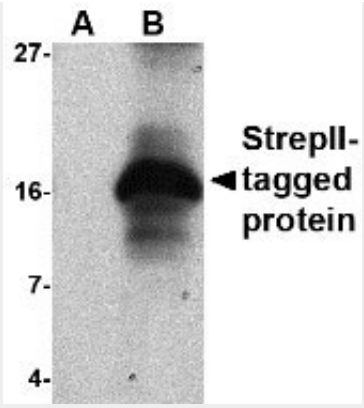

Western blot analysis of 50ng of StrepII-tagged recombinant protein with StrepII antibody at 1 µg/mL in (A) the absence or (B) the presence of blocking peptide.

StrepII-tag Antibody - Background

StrepII-tag Antibody: Streptavidin is a tetrameric protein purified from Streptomyces avidinii. It has wide use in numerous molecular biological protocols dues 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 to allow it to also placed at the N-terminus of recombinant proteins.

StrepII-tag Antibody - References

Schmidt TGM and Skerra A. The random peptide-assisted engineering of a C-terminal affinity peptide, useful for the detection and purification of a functional Ig Fv fragment. Protein Eng.1993; 6:109-22.
Schmidt TGM, Koepe J, Frank R, et al. Molecular interactions between the Strep-tag affinity peptide and its cognate target, streptavidin. J. Mol. Biol.1996; 255:753-6.