

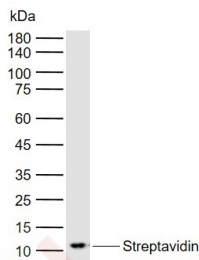
Anti-Streptavidin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Streptomyces
Molecular Weight:	Theoretical: 53 kDa. Actual: 12 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Streptavidin
Verified Activity:	Primary: Anti-Streptavidin (TMAB-01796) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 53 kDa Observed band size: 12 kDa



Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Streptavidin protein
Antigen Species:	Streptomyces avidinii
Uniprot ID:	P22629
Synonyms:	Streptavidin

Research Background

Streptavidin is a tetrameric protein composed of identical subunits. Each subunit binds one biotin molecule with a KD of $\sim 1 \times 10^{-15}$ M. The preparation contains an N- and C-terminal shortened variant (core streptavidin) with improved properties concerning homogeneity, solubility, resistance towards proteolytic degradation and accessibility of the biotin binding pocket as compared to native streptavidin. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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