

Streptavidin, poly-HRP conjugated

Catalog Number: bs-0437P-pHRP

Concentration: 1mg/ml

AA Seq: 1-183/183

Tags: Tag free

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Applications: **WB** (1:10000-50000)

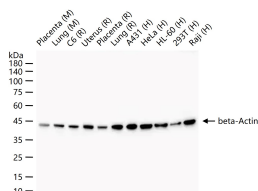
Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Store at 2-8°C for one year. Avoid repeated freeze/thaw cycles.

Background: Streptavidin is a tetrameric protein composed of identical subunits. Each subunit binds one biotin molecule with a KD of ~1x10⁻¹⁵M. 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.

This enzyme conjugate solution can be used to stain biotinylated antibodies.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with beta-Actin polyclonal antibody, unconjugated (bs-0061R) at 1:50000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody (bs-0295G-Bio) and Tertiary antibody (bs-0437P-pHRP) incubation at r.t. for 60 min.