

Product datasheet

Avidin Peroxidase Conjugate ab59653

Overview

Product name	Avidin Peroxidase Conjugate
Protein length	Full length protein
Description	Recombinant Chicken Avidin protein (HRP)

Description

Nature Recombinant

Source Native

Amino Acid Sequence

Species Chicken

Conjugation HRP

Specifications

Our [Abpromise guarantee](#) covers the use of **ab59653** in the following tested applications.

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

Applications Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Western blot

ELISA

Form Liquid

Additional notes

Avidin-HRP conjugates are useful for detection, identification, quantitation, and localization of biotinylated substances.

Reacts with biotinylated substances.

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: None

Constituents: 0.1% BSA, PBS

General Info

Function	The biological function of avidin is not known. Forms a strong non-covalent specific complex with biotin (one molecule of biotin per subunit of avidin).
Tissue specificity	Synthesized in hen oviduct and concentrated in egg white (where it represent 0.05% of the total protein).
Sequence similarities	Belongs to the avidin/streptavidin family. Contains 1 avidin-like domain.
Post-translational modifications	N-linked glycan at Asn-41 consists of GlcNAc(beta1-2)Man(alpha1-3)[GlcNAc(beta1-4)] [Man(alpha1-?)Man(alpha1-6)] Man(beta1-4)GlcNAc(beta1-4)GlcNAc.
Cellular localization	Secreted.

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