

Datasheet for ABIN7565745 **anti-Avidin antibody (HRP)**



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Overview

Quantity:	25 µL
Target:	Avidin (AVD)
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Avidin antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Dot Blot (DB)

Product Details

Purpose:	Avidin Antibody Peroxidase Conjugated
Immunogen:	Immunogen: Avidin (Hen Egg White) Immunogen Type: Native Protein
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Avidin [Hen Egg White].
Characteristics:	Synonyms: rabbit anti-Avidin Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Avidin antibody, Avidin Peroxidase, Anti-Avidin HRP Antibody, egg white
Purification:	Anti-Avidin Antibody Peroxidase Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
Sterility:	Sterile filtered

Target Details

Target:	Avidin (AVD)
Alternative Name:	AVIDIN (AVD Products)
Background:	Background: Horseradish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Anti-Avidin Antibody is ideal for researchers in Immunology, Cancer, and Microbiology.
UniProt:	P02701

Application Details

Application Notes:	Application Note: Anti-Avidin Antibody Peroxidase Conjugated has been tested in WB and assayed against 1.0 µg of Avidin [Hen Egg White] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:7,000 to 1:27,000 of the reconstitution concentration is suggested for this product. This product can be suitable for ELISA, Western Blot, and Immunohistochemistry. Immunohistochemistry Dilution: 1:250 - 1:1,000 Western Blot Dilution: 1:1,000 - 1:2,500 ELISA Dilution: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated

Handling

above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.

Expiry Date: 12 months