

Product datasheet for **TA397018S**

AVD Rabbit Polyclonal Antibody

Product data:

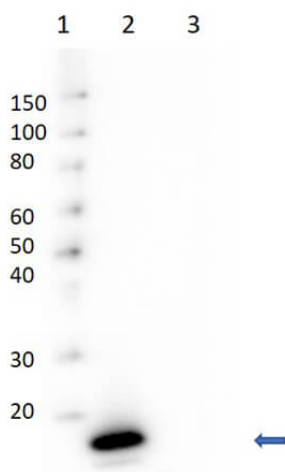
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:1,000 - 1:2,500 IHC: 1:250 - 1:1,000 ELISA: 1:2,000 - 1:10,000
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Avidin (Hen Egg White)
Specificity:	Anti-Avidin Antibody Peroxidase Conjugated is an IgG fraction antibody 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. 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]. Cross reactivity against Avidin from other sources is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	1.0 mg/mL - lot specific
Conjugation:	HRP
Storage:	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 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.
Stability:	Expiration date is one (1) year from date of receipt.
Database Link:	P02701



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- 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.
- Synonyms:** rabbit anti-Avidin Antibody Peroxidase Conjugation, HRP conjugated rabbit anti-Avidin antibody, Avidin Peroxidase, Anti-Avidin HRP Antibody, egg white
- Note:** Anti-Avidin Antibody Peroxidase Conjugated has been tested in WB and assayed against 1.0 ug of Avidin [Hen Egg White] in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-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.

Product images:



Western Blot of Rabbit Anti-Avidin Antibody Peroxidase Conjugated. Lane 1: Molecular Weight Marker. Lane 2: Avidin [0.05 μ g]. Lane 3: Streptavidin [0.05 μ g]. Primary Antibody: Anti-Avidin HRP at 1.0 μ g/mL overnight at 2-8°C. Secondary Antibody: none. Blocking Buffer: BlockOut (p/n MB-073) for 30 mins at RT. Predicted MW: ~17kDa.