

Datasheet for ABIN3041741  
**anti-Avidin antibody (HRP)**

## 2 Publications

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## Overview

|              |   |
|--------------|---|
| Quantity:    | 1 mL                                      |
| Target:      | Avidin (AVD)                              |
| Reactivity:  | Chicken egg                               |
| Host:        | Rabbit                                    |
| Clonality:   | Polyclonal                                |
| Conjugate:   | This Avidin antibody is conjugated to HRP |
| Application: | Western Blotting (WB), Dot Blot (DB)      |

## Product Details

|                  |  |
|------------------|--|
| Immunogen:       | This antibody is obtained from the rabbit which was immunized by reconstructed avidin, and it is specific for natural and reconstructed avidin.  |
| Characteristics: | Avidin is a 68KD protein that extracted from egg white. It has very high affinity to biotin molecule, one million times than the common affinity between antigen and antibody. Avidin is a alkalic protein (IP=10.0-10.5), and it can transfer to be a neutral protein through reconstruction. This antibody is obtained from the rabbit which was immunized by reconstructed avidin, and it is specific for natural and reconstructed avidin. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Avidin (AVD)  |
| Alternative Name: | Avidin ( <a href="#">AVD Products</a> )   |
| Background:       | Avidin is a 68KD protein that extracted from egg white. It has very high affinity to biotin |

## Target Details

molecule, one million times than the common affinity between antigen and antibody. Avidin is a alkaline protein (IP=10.0-10.5), and it can transfer to be a neutral protein through reconstruction.

## Application Details

Application Notes: Dot blot(ECM)|0.25-0.5 µg/mL| Western blot(DAB)|0.3-2 µg/mL| Western blot(ECM)|0.1-0.3 µg/mL

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Storage: 4 °C

Storage Comment: At 4°C for one year.

Expiry Date: 12 months

## Publications

Product cited in: Qian, Feng, Sun, Xiong, Ding, Han, Chen, Chen, Du, Wang: "Overexpression of Salusin-α Inhibits Vascular Intimal Hyperplasia in an Atherosclerotic Rabbit Model." in: **BioMed research international**, Vol. 2018, pp. 8973986, (2019) ([PubMed](#)).

Xie, Li, Pi, Wu, Zeng, Zuo, Zha: "[Down-regulation of p38 MAPK and collagen by 1, 25-(OH)<sub>2</sub>-VD<sub>3</sub> in rat models of diabetic nephropathy]." in: **Xi bao yu fen zi mian yi xue za zhi = Chinese journal of cellular and molecular immunology**, Vol. 32, Issue 7, pp. 931-5, (2017) ([PubMed](#)).

Li, Lu, Sun, Zuo, Wang, Yan: "Inhibition of endoplasmic reticulum stress signaling pathway: A new mechanism of statins to suppress the development of abdominal aortic aneurysm." in: **PLoS ONE**, Vol. 12, Issue 4, pp. e0174821, (2017) ([PubMed](#)).

Wu, Chang, Ren, Hu, Li, Liu: "Bindarit reduces the incidence of acute aortic dissection complicated lung injury via modulating NF-κB pathway." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 3, pp. 2613-2618, (2017) ([PubMed](#)).

Sun, Zhang, Zhao, Zhen, Huang, Wang, He, Liu, Xu, Yang, Qu, Ma, Zhang, Zhang, Hu: "Attenuation

of atherosclerotic lesions in diabetic apolipoprotein E-deficient mice using gene silencing of macrophage migration inhibitory factor." in: **Journal of cellular and molecular medicine**, Vol. 19, Issue 4, pp. 836-49, (2016) ([PubMed](#)).