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Datasheet for ABIN3041746  
**Avidin Protein (AVD) (HRP)**

20 Publications

### Overview

Quantity:	1 mL
Target:	Avidin (AVD)
Origin:	Chicken egg
Source:	Chicken eggs
Protein Type:	Native
Purification tag / Conjugate:	This Avidin protein is labelled with HRP.
Application:	Western Blotting (WB), Dot Blot (DB)

### Product Details

**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.

### 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 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.

## Application Details

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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

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Format: Liquid

Concentration: 1 mg/mL

Storage: 4 °C

Storage Comment: At 4°C for one year.

Expiry Date: 12 months

## Publications

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Product cited in: Li, Wu, Hang, Zhang, Li: "Women with recurrent spontaneous abortion have decreased 25(OH) vitamin D and VDR at the fetal-maternal interface." in: **Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas**, Vol. 50, Issue 11, pp. e6527, (2017) ([PubMed](#)).

Zheng, Wu, Yang, Huang, Chen, Gong, Fu, Lin, Tan: "Treatment of radiation-induced acute intestinal injury with bone marrow-derived mesenchymal stem cells." in: **Experimental and therapeutic medicine**, Vol. 11, Issue 6, pp. 2425-2431, (2016) ([PubMed](#)).

Hu, Jing, Wang, Zhang, Yong, Wang: "The positive effects of Ginsenoside Rg1 upon the hematopoietic microenvironment in a D-Galactose-induced aged rat model." in: **BMC complementary and alternative medicine**, Vol. 15, pp. 119, (2015) ([PubMed](#)).

Chen, Liu, Xu, Yang, Zhang, Zhang: "Effectiveness of immune therapy combined with chemotherapy on the immune function and recurrence rate of cervical cancer." in: **Experimental and therapeutic medicine**, Vol. 9, Issue 3, pp. 1063-1067, (2015) ([PubMed](#)).

Xie, Cao, Zhao, Yu, Qi, Dai: "IDO expressing dendritic cells suppress allograft rejection of small bowel transplantation in mice by expansion of Foxp3+ regulatory T cells." in: **Transplant immunology**, Vol. 33, Issue 2, pp. 69-77, (2015) ([PubMed](#)).

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