



Rabbit Anti-Avidin antibody

SL0312R

Product Name:	Rabbit Anti-Avidin
Chinese Name:	兔抗亲和素
Alias:	AVD; LOC396260.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Biotin
Applications:	WB=1:1000-5000ELISA=1:2000-10000IHC-P=1:200-1000IHC-F=1:200-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	16/66kDa
Form:	Lyophilized or Liquid
Concentration:	10mg/1ml
immunogen:	Full length plasma protein:full length
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M PBS(pH7.4)
Storage:	Storage: Store at -20 oC for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20oC. When reconstituted in sterile distilled water or diluent supplied, theantibody is stable for at least two weeks at 2-4 °C.
Product Detail:	Avidin is a tetrameric or dimeric biotin-binding protein produced in the oviducts of birds, reptiles and amphibians deposited in the whites of their eggs. In chicken egg white, avidin makes up approximately 0.05% of total protein (approximately 1.8 mg per egg). The tetrameric protein contains four identical subunits (homotetramer), each of which can bind to biotin (Vitamin B7, vitamin H) with a high degree of affinity and specificity. In its tetrameric form, avidin is estimated to be between 66–69 kDa in size.Ten percent of the molecular weight is attributed to carbohydrate content composed of four to five mannose and three N-acetylglucosamine residues. The carbohydrate moieties of avidin contain at least three unique oligosaccharide structural types that are similar in structure and composition.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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