



# AVISCERA BIOSCIENCE

## Anti-Mouse Retinol Binding Protein-4 (RBP-4) IgG

### Product Information

Code	A00107-05-100
Name	Mouse RBP-4 Pab
Clone No.	Polyclonal
Lot No.	
Size	100 µg
Species	Mouse
Host	Rabbit
Immunogen	Mouse RBP-4, rec.
Ab Type	IgG
Purification	Protein A
Formulation	lyophilized Form without preservatives free
Carry	
Storage	-20 ° C
Specificity	M, R
Reconstitution	PBS, 100 µl
Application	IHC  WB  ELISA

### Preparation

This antibody was produced from a rabbit immunized with purified, *E. coli*-derived, recombinant full length of mouse RBP-4. That was purified by Protein A affinity.

### Formulation

100 µg of rabbit anti-mouse RBP-4 IgG in 100 µl of PBS without preservatives was lyophilized.

### Reconstitution

Add 100 µl of PBS to the vial to prepare antibody stock solution at 100 µg/100 µl. Store reconstituted antibody at 2 to 8 ° C for up a few weeks. This antibody can also be aliquotted ( by 10 uL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for up six months without detectable loss of activity.

### Storage

Lyophilized antibody can be stored at 2 ~8 ° C for a few weeks or at -20 ° C for six months. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize mouse RBP-4 in direct ELISAs and western blots as well as immunohistochemistry.

### Applications

**Direct ELISA** - This antibody can be used at 1: 4000 (0.25 µg/ml) with the appropriate secondary reagents to detect recombinant mouse RBP-4.

**Western blot** - This antibody can be used at 1: 500 ~ 1000 [1~2 µg/mL ] with the appropriate secondary reagents to detect RBP-4 in mouse and rat adipose tissue as well as liver tissues homogenate under reduce condition . The detection limit for rec. mouse RBP-4, full length approximately at 40 ng/lane under reducing conditions.

**Immunohistochemistry**-That Antibody can be used at 1: 500 (2 µg/ml) with the appropriate secondary antibody to detect RBP-4 in mouse as well as rat adipose tissues and liver tissues (ABC).

*Optimal dilutions should be determined by each laboratory for each application.*

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