

Datasheet for ABIN7003147  
**anti-RBP4 antibody**



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1 Image

## Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 20 µL                               |
| Target:      | RBP4                                |
| Reactivity:  | Human, Mouse, Rat                   |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This RBP4 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA        |

## Product Details

|                  |                              |
|------------------|------------------------------|
| Immunogen:       | Fusion protein of human RBP4 |
| Isotype:         | IgG                          |
| Characteristics: | Polyclonal Antibody          |
| Purification:    | Affinity purification        |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RBP4                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternative Name: | RBP4 ( <a href="#">RBP4 Products</a> )                                                                                                                                                                                                                                                                                                                                                            |
| Background:       | This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein |

### Target Details

|                   |                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | posttranslationally and results in defective delivery and supply to the epidermal cells.                                                                                                                                    |
| Molecular Weight: | 23 kDa                                                                                                                                                                                                                      |
| UniProt:          | <a href="#">P02753</a>                                                                                                                                                                                                      |
| Pathways:         | <a href="#">Regulatory RNA Pathways</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> |

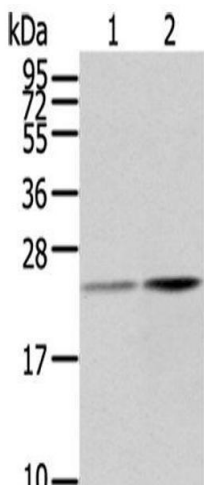
### Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB 1:200-1000, ELISA 1:1000-2000 |
| Restrictions:      | For Research Use only            |

### Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.3 mg/mL                                                                                                              |
| Buffer:            | PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4                                                                  |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Avoid freeze / thaw cycles.                                                                            |

### Images



#### Western Blotting

**Image 1.** Western Blot analysis of Human fetal liver and liver cancer tissue using RBP4 Polyclonal Antibody at dilution of 1/200