

# RBP4 Rabbit Polyclonal Antibody



CAB12495

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

19kDa

### Calculated MW:

23kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Protein 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 posttranslationally and results in defective delivery and supply to the epidermal cells.

## Immunogen information

### Gene ID:

5950

### Uniprot

P02753

### Synonyms:

RBP4; MCOPCB10; RDCCAS

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

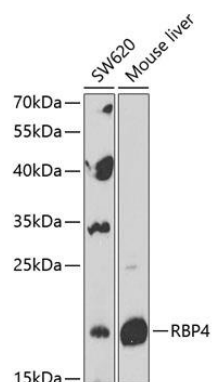
Recombinant fusion protein containing a sequence corresponding to amino acids 19-201 of human RBP4 (NP\_006735.2).

### Storage:

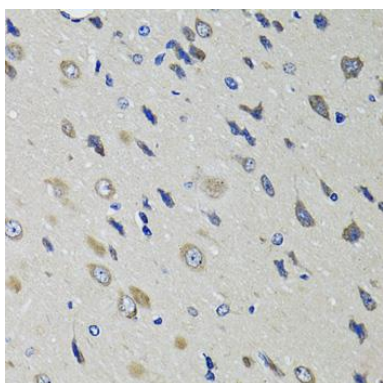
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using RBP4 Antibody (CAB12495) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded rat brain using RBP4 antibody (CAB12495) at dilution of 1:100 (40x lens).