

## Rabbit RBP4 Polyclonal Antibody | anti-RBP4 antibody

RBP4 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA280897</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

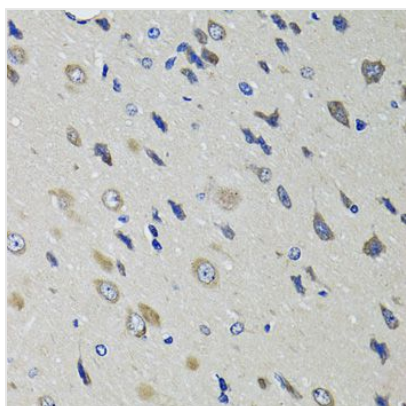
### PRODUCT SYNONYMS

RBP4; Polyclonal Antibody; RBP4 Polyclonal Antibody; MCOPCB10; RDCCAS; anti-RBP4 antibody

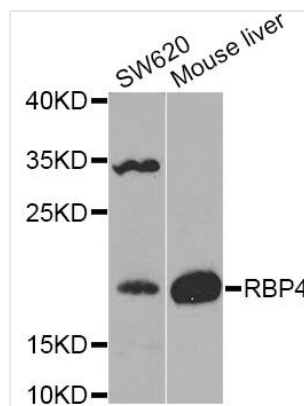
### PRODUCT SPECIFICATIONS

|                                                |                                                   |
|------------------------------------------------|---------------------------------------------------|
| Host                                           | Rabbit                                            |
| Reactivity                                     | Human, Mouse, Rat                                 |
| Clonality                                      | Polyclonal                                        |
| Isotype                                        | IgG                                               |
| Purity/Purification                            | Affinity Purification                             |
| Sequence Length                                | 201                                               |
| Applicable Applications for anti-RBP4 antibody | IHC (Immunohistochemistry), WB (Western Blot)     |
| Immunogen                                      | Recombinant protein of human RBP4                 |
| Storage Buffer                                 | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.  |

### IMAGES


**IHC (Immunohistochemistry)**

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


**WB (Western Blot)**

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

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RBP4 antibody | 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. |
| Product Categories/Family for anti-RBP4 antibody   | Primary antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 62298174                                               |
| NCBI GeneID                      | 5950                                                   |
| UniProt Accession #              | P02753; O43478; O43479; Q5VY24; Q8WWA3; Q9P178; D3DR38 |
| Molecular Weight                 | 23kDa                                                  |
| NCBI Official Full Name          | Retinol-binding protein 4                              |
| NCBI Official Synonym Full Names | retinol binding protein 4                              |
| NCBI Official Symbol             | RBP4                                                   |
| NCBI Official Synonym Symbols    | RDCCAS; MCOPCB10                                       |
| NCBI Protein Information         | retinol-binding protein 4                              |
| UniProt Protein Name             | Retinol-binding protein 4                              |
| UniProt Gene Name                | <b>RBP4</b>                                            |
| UniProt Synonym Gene Names       | PRBP; RBP                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbp4-antibody-immunohistochemistry-western-blot-elisa/280897>