

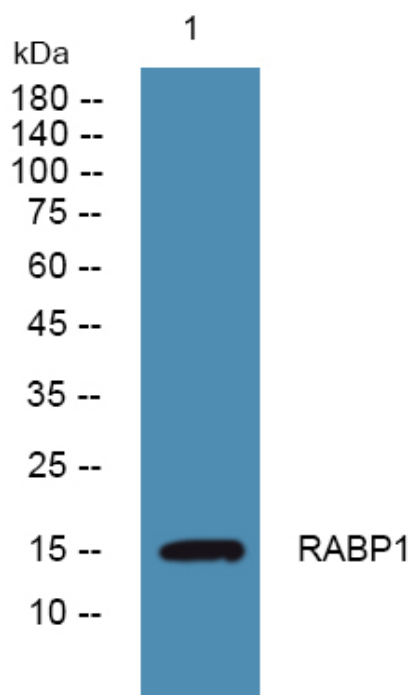


# RABP1 Polyclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-Ab-05446                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>              | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                 | CRABP1 RBP5                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Name</b>              | Cellular retinoic acid-binding protein 1 (Cellular retinoic acid-binding protein I) (CRABP-I)                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                 | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Specificity</b>               | RABP1 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution</b>                  | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>             | 15kD                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cell Pathway</b>              | Cytoplasm .                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Specificity</b>        | Brain,                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Function</b>                  | domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,function:Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,                                                                                                                                                    |
| <b>Background</b>                | This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night