

Product datasheet

Anti-RBP4 antibody ab57620

[2 References](#) [1 Image](#)

Overview

| | |
|----------------------------|--|
| Product name | Anti-RBP4 antibody |
| Description | Mouse monoclonal to RBP4 |
| Host species | Mouse |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant full length protein, corresponding to amino acids 19-202 of Human RBP4 |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: None PBS, pH 7.2 |
| Purity | Protein G purified |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Light chain type | kappa |

Applications

Our [Abpromise guarantee](#) covers the use of **ab57620** in the following tested applications.

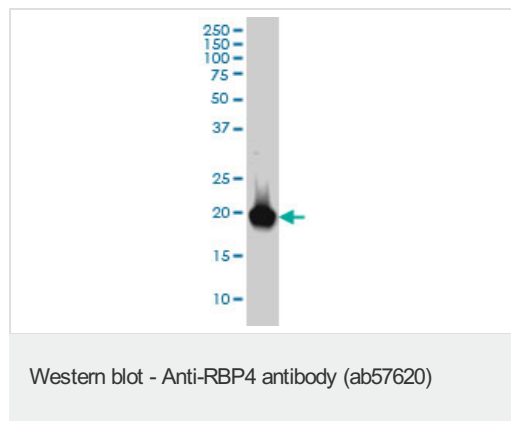
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 23 kDa. |

Target

| | |
|-------------------------------|---|
| Function | Delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli. |
| Involvement in disease | Defects in RBP4 are a cause of retinol-binding protein deficiency (RBP deficiency) [MIM:180250]. This condition causes night vision problems. It produces a typical 'fundus xerophthalmicus', featuring a progressed atrophy of the retinal pigment epithelium. |
| Sequence similarities | Belongs to the calycin superfamily. Lipocalin family. |
| Cellular localization | Secreted. |

Images



RBP4 antibody (ab57620) at 1ug/lane + HepG2 cell lysate at 25ug/lane.

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