

## Datasheet for ABIN7637492 **anti-CKB antibody**



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### Overview

|              |                                                                                                                               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                        |
| Target:      | CKB                                                                                                                           |
| Reactivity:  | Human                                                                                                                         |
| Host:        | Rabbit                                                                                                                        |
| Clonality:   | Polyclonal                                                                                                                    |
| Conjugate:   | This CKB antibody is un-conjugated                                                                                            |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP), Flow Cytometry (FACS) |

### Product Details

|                   |                                                                                                                                                                                  |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Creatine Kinase B (CK-BB)                                                                                                                                 |
| Immunogen:        | RPC030Hu01 Recombinant Creatine Kinase B (CKBB)                                                                                                                                  |
| Isotype:          | IgG                                                                                                                                                                              |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against CK-BB. It has been selected for its ability to recognize CK-BB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat                                                                                                                                                                  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                           |

### Target Details

|         |     |
|---------|-----|
| Target: | CKB |
|---------|-----|

## Target Details

|                   |                                               |
|-------------------|-----------------------------------------------|
| Alternative Name: | CK-BB ( <a href="#">CKB Products</a> )        |
| Background:       | CKB, CKBB, CK-B, CK-1, Creatine Kinase, Brain |
| UniProt:          | <a href="#">P12277</a>                        |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.2-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Flow cytometry: 20 µg/mL, Optimal working dilutions must be determined by end user.,                                                                                                                                              |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 500 µg/mL                                                                                                                                                       |
| Buffer:            | PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.                                                                                     |
| Preservative:      | Dithiothreitol (DTT), ProClin                                                                                                                                   |
| Precaution of Use: | This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.                       |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |