

## Datasheet for ABIN7635682 **anti-CALB1 antibody**



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### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | CALB1                                                                                                     |
| Reactivity:  | Human                                                                                                     |
| Host:        | Mouse                                                                                                     |
| Clonality:   | Monoclonal                                                                                                |
| Conjugate:   | This CALB1 antibody is un-conjugated                                                                      |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|                   |                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Monoclonal Antibody to Calbindin (CALB)                                                                                                                                       |
| Specificity:      | The antibody is a mouse monoclonal antibody raised against CALB. It has been selected for its ability to recognize CALB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat                                                                                                                                                                           |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                        |

### Target Details

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| Target:           | CALB1                                                                                             |
| Alternative Name: | CALB ( <a href="#">CALB1 Products</a> )                                                           |
| Background:       | CAB27, Calbindin 1,28 kDa, Calbindin D28, Vitamin D-dependent calcium-binding protein, avian-type |

## Target Details

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UniProt: [P05937](#)

## Application Details

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Application Notes: Western blotting: 0.2-2 µg/mL, 1:500-5000 Immunohistochemistry: 5-20 µg/mL, 1:50-200  
Immunocytochemistry: 5-20 µg/mL, 1:50-200 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

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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: Dithiothreitol (DTT), ProClin, Sodium azide

Precaution of Use: This product contains ProClin and Dithiothreitol (DTT) and Sodium azide: 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.