

Datasheet for ABIN7438604
anti-CALB1 antibody (AA 3-261)



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2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | CALB1 |
| Binding Specificity: | AA 3-261 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CALB1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|--|
| Purpose: | Polyclonal Antibody to Calbindin (CALB) |
| Immunogen: | Recombinant Calbindin (CALB) corresponding to Glu3~Asn261 with N-terminal His and GST Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against CALB. It has been selected for its ability to recognize CALB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

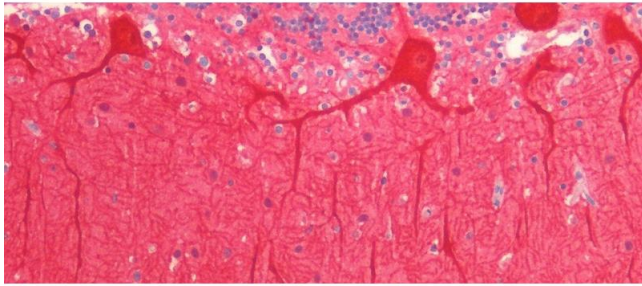
| | |
|-------------------|---|
| Target: | CALB1 |
| Alternative Name: | Calbindin (CALB1 Products) |
| Background: | CAB27, Calbindin 1,28 kDa, Calbindin D28, Vitamin D-dependent calcium-binding protein, avian-type |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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 |

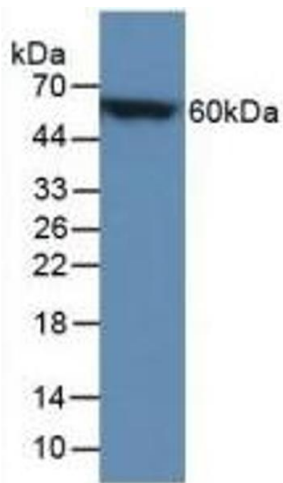
Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE 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. |
| Expiry Date: | 24 months |



Immunohistochemistry

Image 1. Detection of CALB in Human Cerebellum Tissue using Polyclonal Antibody to Calbindin (CALB)



Western Blotting

Image 2. Detection of Recombinant CALB, Mouse using Polyclonal Antibody to Calbindin (CALB)