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Datasheet for ABIN6993453

# anti-CAP2 antibody (AA 317-455)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 200 µL |
| Target: | CAP2 |
| Binding Specificity: | AA 317-455 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CAP2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

| | |
|---|---|
| Purpose: | Monoclonal Antibody to Adenylyl Cyclase Associated Protein 2 (CAP2) |
| Immunogen: | Recombinant Adenylyl Cyclase Associated Protein 2 (CAP2) corresdonding to Pro317~Ile455 (Accession # P40123) |
| Clone: | 6# |
| Isotype: | IgG2b kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against CAP2. It has been selected for its ability to recognize CAP2 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat |
| Purification: | Protein A + Protein G affinity chromatography |

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## Target Details

| | |
|---|---|
| Target: | CAP2 |
| Alternative Name: | Adenylyl Cyclase Associated Protein 2 (CAP2 Products) |

## Application Details

| | |
|---|---|
| Application Notes: | Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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 |
| 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 |

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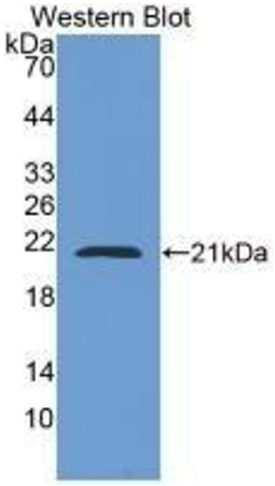


**Western Blotting**

**Image 1.** Detection of Recombinant CAP2, Human using Monoclonal Antibody to Adenylyl Cyclase Associated Protein 2 (CAP2)

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