Datasheet for ABIN7075277

# anti-PPP2R2D antibody

## 1 Image

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | PPP2R2D |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PPP2R2D antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | Recombinant protein corresponding to Mouse PPP2R2D |
| Cross-Reactivity: | Human, Rat |
| Purification: | Affinity purification |

## Target Details

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|---|---|
| Target: | PPP2R2D |
| Alternative Name: | PPP2R2D (PPP2R2D Products) |
| Background: | B regulatory subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis. During mitosis, activity of PP2A is inhibited via interaction with phosphorylated ENSA and ARPP19 inhibitors. Within the PP2A complexes, the B regulatory subunits modulate substrate selectivity |

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## Target Details

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|---|---|
| | and catalytic activity, and also may direct the localization of the catalytic enzyme to a particular subcellular compartment . |
| Molecular Weight: | 52 kDa |
| Gene ID: | 52432 |
| NCBI Accession: | NP_080667 |
| UniProt: | Q925E7 |

## Application Details

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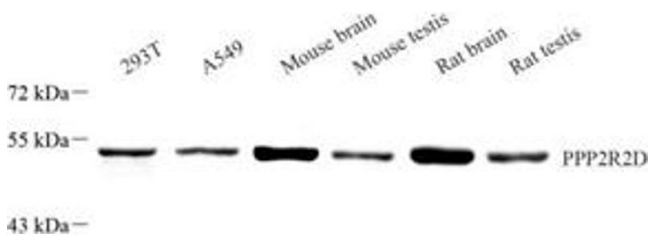
|---|---|
| Application Notes: | WB (H,M,R) 1: 1000-1: 2000 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, 0.02 % sodium azide |
| 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: | -20 °C |

## Images




**Western Blotting**

**Image 1.** Western blot analysis of PPP2R2D (ABIN7075277) at dilution of 1: 2000