

Datasheet for ABIN2775347 anti-PPP1R1A antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | PPP1R1A |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse, Dog, Cow, Guinea Pig, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PPP1R1A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Sequence: | FTVPILLEPHL DPEAAEQIRR RRTPATLV L TSDQSSPEID ED RIPNSLLK |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against Ppp1r1a. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | PPP1R1A |
| Alternative Name: | Ppp1r1a (PPP1R1A Products) |
| Background: | Ppp1r1a is an inhibitor of protein-phosphatase 1. This protein may be important in hormonal control of glycogen metabolism. Hormones that elevate intracellular cAMP increase I-1 activity |

Target Details

in many tissues. I-1 activation may impose cAMP control over proteins that are not directly phosphorylated by PKA. Following a rise in intracellular calcium, I-1 is inactivated by calcineurin (or PP2B). Does not inhibit type-2 phosphatases.

Alias Symbols: 0610038N18Rik, I-1

Protein Size: 171

Molecular Weight: 19 kDa

Gene ID: 58200

NCBI Accession: [NM_021391](#), [NP_067366](#)

UniProt: [Q9ERT9](#)

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 171 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

