

Datasheet for ABIN6243625
anti-CDK5R1 antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 80 µL |
| Target: | CDK5R1 |
| Binding Specificity: | AA 30-64, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CDK5R1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | This CDK5R1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 30-64 amino acids from the N-terminal region of human CDK5R1. |
| Clone: | RB50920 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | CDK5R1 |
| Alternative Name: | CDK5R1 (CDK5R1 Products) |
| Target Type: | Viral Protein |

Target Details

Background: P35 is a neuron specific activator of CDK5. The complex p35/CDK5 is required for neurite outgrowth and cortical lamination. Involved in dendritic spine morphogenesis by mediating the EFNA1-EPHA4 signaling. Activator of TPKII. The complex p35/CDK5 participates in the regulation of the circadian clock by modulating the function of CLOCK protein: phosphorylates CLOCK at 'Thr-451' and 'Thr-461' and regulates the transcriptional activity of the CLOCK-ARNTL/BMAL1 heterodimer in association with altered stability and subcellular distribution.

Molecular Weight: 34060

UniProt: [Q15078](#)

Pathways: [Stem Cell Maintenance](#), [Regulation of Cell Size](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

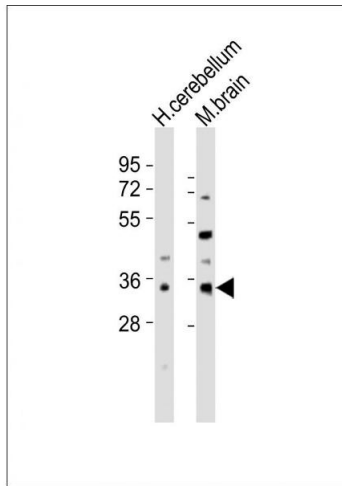
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-CDK5R1 Antibody (N-term) at 1:2000 dilution Lane 1: human cerebellum lysates Lane 2: mouse brain lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 34 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.