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Datasheet for ABIN1400695 **anti-CDK5RAP1 antibody (Biotin)**

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | CDK5RAP1 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CDK5RAP1 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human CDK5RAP1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | CDK5RAP1 |
| Alternative Name: | CDK5RAP1 (CDK5RAP1 Products) |
| Background: | <p>Synonyms: CDK5 activator binding protein C42 like, CDK5 regulatory subunit associated protein 1, CDK5RAP1.3, CDK5RAP1.4, CGI 05, HSPC167, C20orf34 antibody C42, CDK5 activator binding protein C42, CK5P1_HUMAN.</p> <p>Background: Cyclin dependent kinase 5 (Cdk5) is a key regulator of cell cycle progression in</p> |

Target Details

neuronal differentiation that physically associates with and is activated by the neuron-specific protein p35. CDK5RAP1 (Cdk5 regulatory subunit-associated protein 1), also known as Cdk5 activator-binding protein C42, is a 601 amino acid protein that specifically inhibits Cdk5 activation by p35 through formation of a dimer that inhibits kinase activity. CDK5RAP1 contains one TRAM domain, which is thought to bind tRNA and deliver the RNA-modifying enzymatic domain to its target. There are 4 named isoforms of CDK5RAP1 that are produced as a result of alternative splicing events and are expressed at high levels in heart and skeletal muscle.

Gene ID: 51654

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months