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Datasheet for ABIN1697014

anti-Cyclin Y antibody (AA 21-120) (Alexa Fluor 555)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | Cyclin Y (CCNY) |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Cyclin Y antibody is conjugated to Alexa Fluor 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human Cyclin Y/Cyclin X |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Chicken, Rabbit |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | Cyclin Y (CCNY) |
| Alternative Name: | Cyclin Y/Cyclin X (CCNY Products) |
| Background: | Synonyms: C10orf9, CBCP1, CCNX, CCNY, CFP1, Chromosome 10 open reading frame 9, Cyclin |

Target Details

box carrying protein 1, Cyclin box protein 1, Cyclin fold protein 1, Cyclin X, Cyclin Y, CCNY_HUMAN.

Background: Cyclin Y is a 341 amino acid protein belonging to the cyclin family. Cyclin Y exists as three alternatively spliced isoforms and contains a cyclin N-terminal domain. Cyclin Y may control cell division cycles and regulate cyclin-dependent kinases. Cell proliferation is controlled at specific stages of the cell cycle by distinct protein kinase complexes. These complexes consist of a catalytic subunit associating with a specific regulatory subunit to form the active kinase. The cyclins, which include cyclin A, B, C, D, E, F, G, H, I, K, L, T, Y and their related proteins, including Dbf4, comprise the regulatory subunits of these kinase complexes. The controlled activation of the kinase complexes at various intervals of the cell cycle is regulated by the availability of the cyclins to the catalytic subunit. Unlike the catalytic subunit, which is expressed continually, the expression and stability of the regulatory subunit fluctuates depending on the stage of the cell cycle, thereby regulating kinase activity.

Gene ID: 219771

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months