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Datasheet for ABIN2812121

anti-Cyclin M3 antibody (AA 251-350) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	Cyclin M3 (CNNM3)
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin M3 antibody is conjugated to Alexa Fluor 594
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 M3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog
Purification:	Purified by Protein A.

Target Details

Target:	Cyclin M3 (CNNM3)
Alternative Name:	Cyclin M3 (CNNM3 Products)
Background:	Synonyms: ACDP3, Ancient conserved domain containing protein 3, CNNM3, DKFZp434I1016,

Target Details

FLJ20018, Metal transporter CNNM3, CNNM3_HUMAN.

Background: Cyclin M3 is a 707 amino acid multi-pass membrane protein that shares weak sequence similarity with cyclin proteins, yet displays no cyclin-like function in vivo. Though ubiquitously expressed, Cyclin M3 is found at highest levels in kidney, brain, spleen and heart. Cyclin M3 is localized to the nucleus where it is likely a metal transporter. Cyclin M3 contains two CBS domains, which appear to bind ligands with an adenosyl group such as AMP, ATP and S-AdoMet and may play a regulatory role in sensitizing proteins to adenosyl-carrying ligands. There are three isoforms of Cyclin M3 that are produced as a result of alternative splicing events.

Gene ID: 26505

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