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Datasheet for ABIN7148882

anti-CDK3 antibody (AA 220-297) (Biotin)

Overview

Quantity:	100 µg
Target:	CDK3
Binding Specificity:	AA 220-297
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cyclin-dependent kinase 3 protein (220-297AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CDK3
Alternative Name:	CDK3 (CDK3 Products)
Background:	Background: Serine/threonine-protein kinase that plays a critical role in the control of the eukaryotic cell cycle, involved in G0-G1 and G1-S cell cycle transitions. Interacts with

Target Details

CCNC/cyclin-C during interphase. Phosphorylates histone H1, ATF1, RB1 and CABLES1. ATF1 phosphorylation triggers ATF1 transactivation and transcriptional activities, and promotes cell proliferation and transformation. CDK3/cyclin-C mediated RB1 phosphorylation is required for G0-G1 transition. Promotes G1-S transition probably by contributing to the activation of E2F1, E2F2 and E2F3 in a RB1-independent manner.

Aliases: Cdk 3 antibody, Cdk3 antibody, CDK3_HUMAN antibody, CDKN3 antibody, Cell division kinase 3 antibody, Cell division protein kinase 3 antibody, Cyclin dependent kinase 3 antibody, Cyclin-dependent kinase 3 antibody, OTTHUMP00000206828 antibody, p36 antibody

UniProt: [Q00526](#)

Pathways: [Cell Division Cycle](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.