

Nur für Forschungszwecke

CDK3 Polyklonaler Antikörper

Katalog-Nr.:55103-1-AP

3 Publikationen



Allgemeine Informationen

Katalog-Nr.:

55103-1-AP

Größe:

150ul, Konzentration: 800 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

NM_001258

GeneID (NCBI):

1018

Vollständiger Name:

cyclin-dependent kinase 3

Berechnete Masse:

35 kDa

Beobachtete Masse:

40-45 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:4000

IHC 1:100-1:400

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Maushirngewebe, Jurkat-Zellen, MCF-7-Zellen, Rattenhirngewebe

IHC: humanes Mammakarzinomgewebe,

Hintergrundinformationen

CDK3 belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family and CDC2/CDKX subfamily. It is probably involved in the control of the cell cycle. CDK3 interacts with a yet unknown type of cyclin. It can phosphorylate histone H1. Endogenous Cyclin C/Cdk3 complexes are critical to promote exit from quiescence in an Rb-dependent manner. Cyclin C/Cdk3 complexes is a key regulators of cell cycle reentry in human cells. (PMID: 15130482) The antibody is specific to CDK3.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wen Zhang	31214853	Protein J	WB
Ning Xu	35927229	Cell Death Discov	WB
Haoli Gong	37102261	Cancer Med	IHC

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern.

Lagerungspuffer:

0,1 M NaHCO₃, 0,1M Glyzin, 0,02% Natriumazid und 50% Glycerin, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

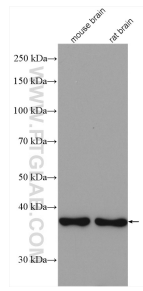
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

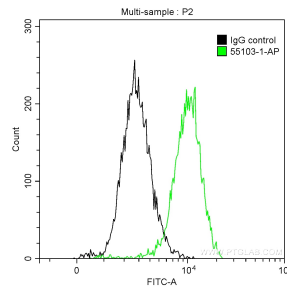
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

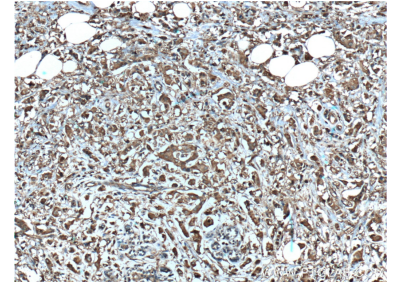
Ausgewählte Validierungsdaten



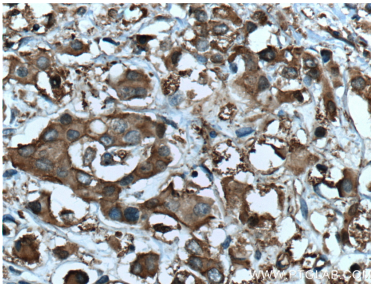
Various lysates were subjected to SDS PAGE followed by western blot with 55103-1-AP (CDK3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.2 μ g Anti-Human CDK3 (55103-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 μ g Control Antibody. Cells were fixed with 90% MeOH.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 55103-1-AP (CDK3 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 55103-1-AP (CDK3 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).