

Nur für Forschungszwecke

CDK4 Polyklonaler Antikörper

Katalog-Nr.: 11026-1-AP

Vorgestelltes Produkt

295 Publikationen



Allgemeine Informationen

Katalog-Nr.: 11026-1-AP	GenBank-Zugangsnummer: BC010153	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 450 µg/ml von Nanodrop;	GeneID (NCBI): 1019	Empfohlene Verdünnungen: WB 1:1000-1:8000 IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: cyclin-dependent kinase 4	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 34 kDa	
Immunogen Katalognummer: AG1505	Beobachtete Masse: 34 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, IP, RIP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Hausschwein, Human, Hund, Maus, Ratte, Zebrafisch

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

Positivkontrollen:

WB: HeLa-Zellen, HepG2-Zellen, MCF-7-Zellen, Ratten-Pankreasgewebe

IP: HeLa-Zellen,

IHC: humanes Mammakarzinomgewebe, humanes Lungenkarzinomgewebe

IF: MCF-7-Zellen,

Hintergrundinformationen

Cyclin-dependent kinase-4 (CDK4) is a protein-serine kinase involved in the cell cycle. It is essential for the G1- to S-phase transition during the cell cycle and its expression is primarily controlled at the transcriptional level (PMID:17253961). CCND1-CDK4 axis is not only critical in glial tumor cells but also in stromal-derived cells in the surrounding tumor microenvironment that are vital to sustain tumor outgrowth (PMID:21844184).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuanyuan Bai	36213833	J Oncol	WB
Taiwei Wang	36169181	Oncol Rep	WB
Yue Wang	27690088	Nutrients	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

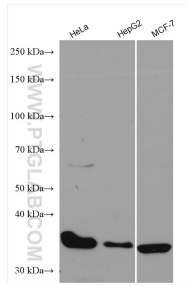
For technical support and original validation data for this product please contact:

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

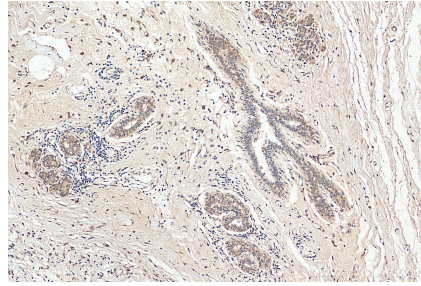
E: proteintech@ptglab.com
W: ptglab.com

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

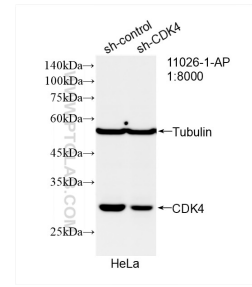
Ausgewählte Validierungsdaten



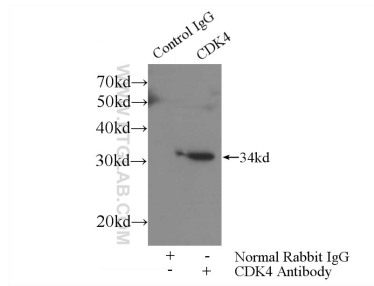
Various lysates were subjected to SDS PAGE followed by western blot with 11026-1-AP (CDK4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



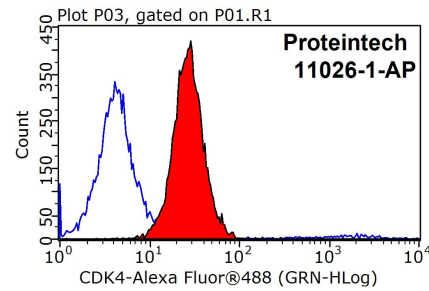
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11026-1-AP (CDK4 antibody) at dilution of 1:200 (under 10x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



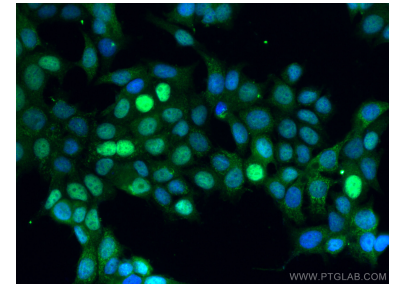
WB result of CDK4 antibody (11026-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CDK4 transfected HeLa cells.



IP Result of anti-CDK4 (IP:11026-1-AP, 3ug; Detection:11026-1-AP 1:1000) with HeLa cells lysate 4000ug.



1x10⁶ MCF-7 cells were stained with 0.2ug CDK4 antibody (11026-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CDK4 antibody (11026-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).