

Nur für Forschungszwecke

P16-INK4A Polyklonaler Antikörper

Katalog-Nr.:10883-1-AP

Vorgestelltes Produkt

270 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10883-1-AP	GenBank-Zugangsnummer: BC021998	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 1029	Empfohlene Verdünnungen: WB 1:1000-1:8000 IP 0.5-4.0 ug für IP und 1:500-1:2000 für WB
Wirt: Kaninchen	Vollständiger Name: cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	IHC 1:1000-1:4000
Isotyp: IgG	Berechnete Masse: 16 kDa	
Immunogen Katalognummer: AG1328	Beobachtete Masse: 16-18 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, IP, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, PC-3-Zellen IP : HEK-293-Zellen, IHC : humanes Zervixkarzinomgewebe,
In Publikationen genannte Anwendungen: Cell treatment, IP, WB	
Getestete Reaktivität: Human	
Zitierte Arten: Affe, Human, Hund	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CDKN2A generates several transcript variants which differ in their first exons. At least three alternatively-spliced variants encoding distinct proteins were reported. Two of them named p16-INK4 and p14 are sharing 50% identity. The third one -p14(ARF) is entirely unrelated. 10883-1-AP reacts with p16 specifically. P16 plays an essential role in regulating the cell cycle, and mutations in p16 increase the risk of developing various cancers, including melanoma.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Shin Hamada	28971839	Am J Physiol Gastrointest Liver Physiol	IHC
Julie Wang	26416809	Circulation	WB
Shengya Tian	31562192	Life Sci Alliance	WB

Lagerung

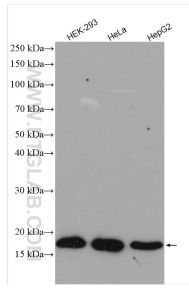
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

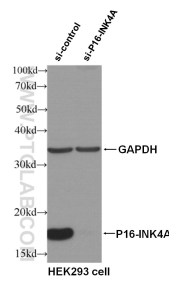
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

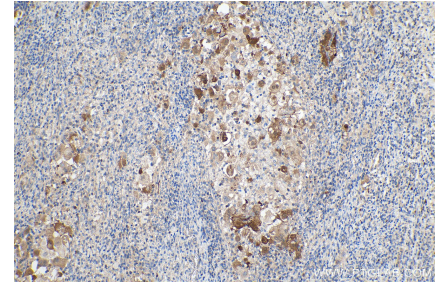
Ausgewählte Validierungsdaten



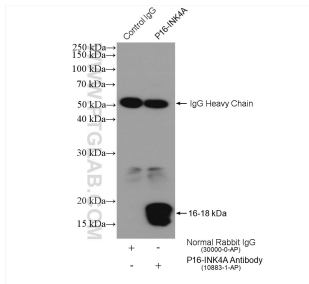
Various lysates were subjected to SDS PAGE followed by western blot with 10883-1-AP (P16-INK4A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



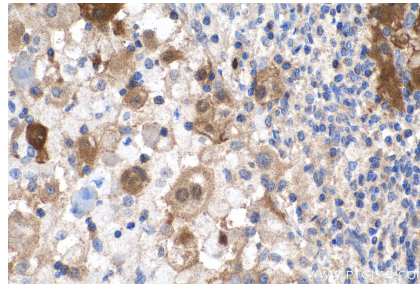
WB result of p16-INK4A antibody (10883-1-AP, 1:2,000) with si-Control and si-p16 transfected HEK-293 cells.



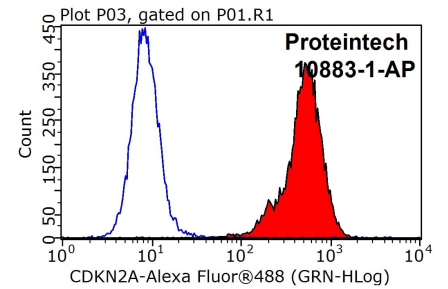
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10883-1-AP (P16-INK4A antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-P16-INK4A (IP:10883-1-AP, 4ug; Detection:10883-1-AP 1:1000) with HEK-293 cells lysate 1200 ug.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10883-1-AP (P16-INK4A antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HeLa cells were stained with .2ug P16-INK4A antibody (10883-1-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.