

Nur für Forschungszwecke

PINK1 Polyklonaler Antikörper

Katalog-Nr.: 23274-1-AP

Vorgestelltes Produkt

168 Publikationen



Allgemeine Informationen

Katalog-Nr.: 23274-1-AP	GenBank-Zugangsnummer: BC028215	Reinigungsmethode: Antigen-affinitätsgereinigt
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 65018	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:1000-1:4000 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: PTEN induced putative kinase 1	
Isotyp: IgG	Berechnete Masse: 581 aa, 63 kDa	
Immunogen Katalognummer: AG19825	Beobachtete Masse: 65 kDa, 45 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Kaninchen, Maus, Ratte

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

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen, PC-12-Zellen

IHC : Maushirngewebe, humanes Hirngewebe

IF : Maushirngewebe, Rattenhirngewebe

Hintergrundinformationen

PINK1 is a mitochondrial serine/threonine-protein kinase that protects cells from stress-induced mitochondrial dysfunction. The precursor of PINK1 (65 kDa) is synthesized in the cytosol and is imported into the outer membrane of mitochondria. PINK1 is further transferred into the inner membrane. The full-length PINK1 can be proteolytically processed into 52-55 kDa and 45-46 kDa forms (PMID: 18221368; 25108683; 18031932). The half life of the mature form of PINK1 is very short and it was proposed that the proteasome is involved in its degradation (PMID: 23472196). The gene of PINK1 maps to chromosome 1p36.12. Two alternatively spliced variants exist, the shorter isoform (30 kDa) produced by alternative splicing. Mutations in the PINK1 gene cause autosomal recessive early-onset Parkinson's disease.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenliang Zhang	34580406	Sci Rep	WB
Ying Chen	36163342	Cell Death Dis	WB
Ran Xu	34631840	Front Cardiovasc Med	WB, CoIP, IF

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

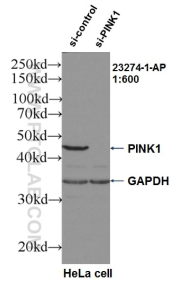
For technical support and original validation data for this product please contact:

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

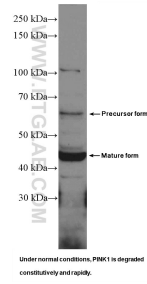
E: proteintech@ptglab.com
W: ptglab.com

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

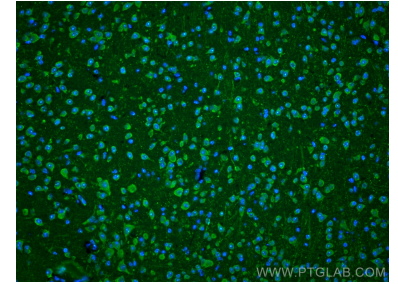
Ausgewählte Validierungsdaten



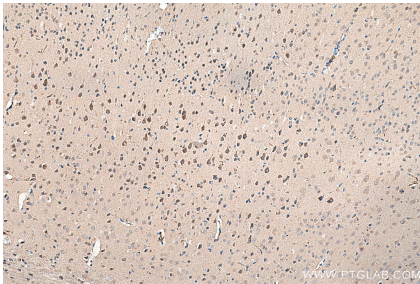
WB result of PINK1 antibody (23274-1-AP, 1:600) with si-Control and si-PINK1 transfected HeLa cells.



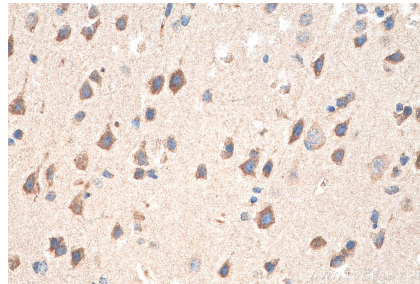
HeLa cells were subjected to SDS PAGE followed by western blot with 23274-1-AP (PINK1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using PINK1 antibody (23274-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23274-1-AP (PINK1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23274-1-AP (PINK1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).