

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PINK1



Numéro de catalogue: 23274-1-AP

Phare

192 Publications

Informations de base

Numéro de catalogue: 23274-1-AP	Numéro d'acquisition GenBank: BC028215	Méthode de purification: Purifié par affinité contre l'antigène
Taille: 150ul , Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 65018	Dilutions recommandées: WB 1:500-1:1000 IHC 1:1000-1:4000 IF 1:200-1:800
Hôte: Lapin	Nom complet: PTEN induced putative kinase 1	
Isotype: IgG	MW calculé: 581 aa, 63 kDa	
Immunogen Catalog Number: AG19825	MW observés: 65 kDa, 45 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, Lapin, poisson-zèbre, porc, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IHC : tissu cérébral de souris, tissu cérébral humain

IF : tissu cérébral de souris, tissu cérébral de rat

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

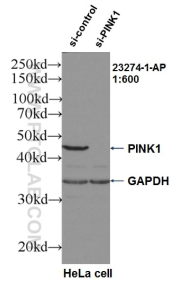
For technical support and original validation data for this product please contact:

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

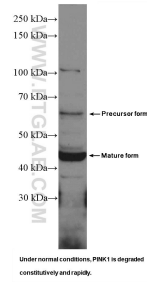
E: proteintech@ptglab.com
W: ptglab.com

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

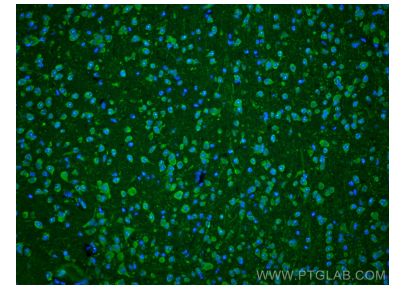
Données de validation sélectionnées



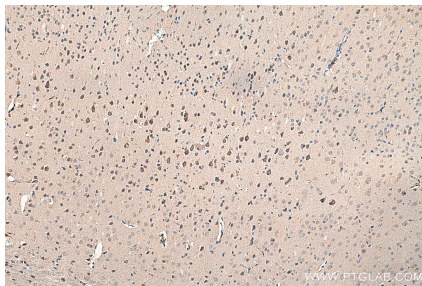
WB result of PINK1 antibody (23274-1-AP, 1:600) with si-Control and si-PINK1 transfected HeLa cells.



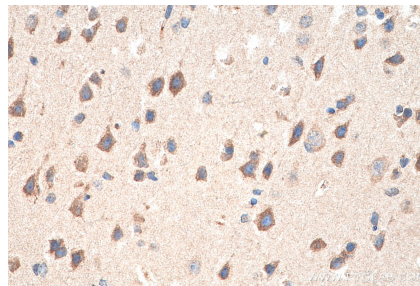
HeLa cells were subjected to SDS PAGE followed by western blot with 23274-1-AP (PINK1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



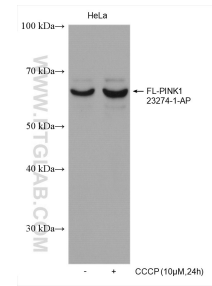
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using PINK1 antibody (23274-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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).



Non-treated and CCCP treated HeLa cells were subjected to SDS PAGE followed by western blot with 23274-1-AP (PINK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.