

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NDUFV2



Numéro de catalogue: 15301-1-AP

Phare

36 Publications

Informations de base

Numéro de catalogue:

15301-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7559

Numéro d'acquisition GenBank:

BC001632

Identification du gène (NCBI):

4729

Nom complet:

NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa

MW calculé

27 kDa

MW observés:

24-27 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:20000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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

Contrôles positifs:

WB : tissu cardiaque de souris, tissu cardiaque de rat, tissu de muscle squelettique de rat

IP : tissu cardiaque de souris,

IHC : tissu de cancer de la prostate humain, tissu cardiaque de souris

IF : cellules HeLa,

Informations générales

The NDUFV2 gene encodes the 24-kD subunit of the mitochondrial NADH:ubiquinone oxidoreductase (complex I of the respiratory chain). The protein belongs to the complex I 24 kDa subunit family. It is the core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. NDUFV2 constitutes one genetic risk factor for PD, and the mutation may well be a cause of complex I deficiency in this disease (PMID:9570948).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yingying Shi	34489398	Cell Death Dis	WB
Xianzhi Li	36058905	Mol Med	WB
Tianda Chen	26327164	Brain Res	WB, 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'aliquotage n'est pas nécessaire pour le stockage à -20C

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

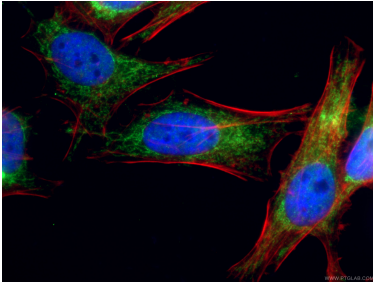
For technical support and original validation data for this product please contact:

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

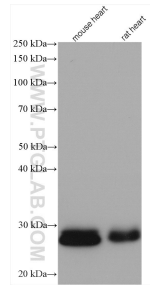
E: proteintech@ptglab.com
W: ptglab.com

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

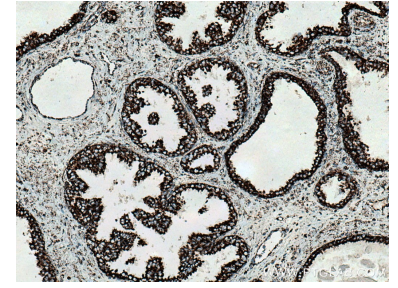
Données de validation sélectionnées



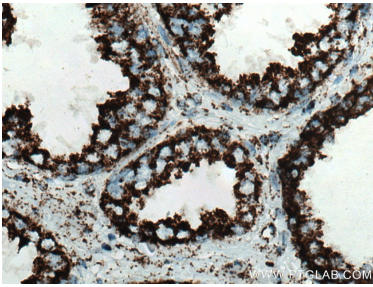
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 15301-1-AP (NDUFV2 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Red: staining with alpha tubulin antibody 66031-1-Ig and CoraLite®594-Conjugated AffiniPure Goat Anti-mouse IgG(H+L). Blue: DAPI.



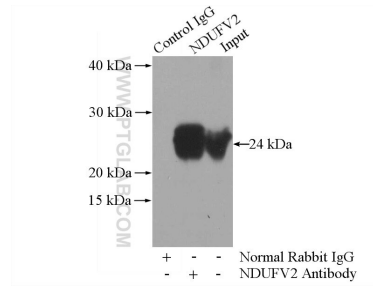
Various lysates were subjected to SDS PAGE followed by western blot with 15301-1-AP (NDUFV2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15301-1-AP (NDUFV2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15301-1-AP (NDUFV2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-NDUFV2 (IP:15301-1-AP, 3ug; Detection:15301-1-AP 1:400) with mouse heart tissue lysate 4000ug.