

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-COQ9



Numéro de catalogue: 14874-1-AP

Phare

6 Publications

Informations de base

Numéro de catalogue:
14874-1-AP

Taille:
150ul, Concentration: 800 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG6645

Numéro d'acquisition GenBank:
BC064946

Identification du gène (NCBI):
57017

Nom complet:
coenzyme Q9 homolog (S. cerevisiae)

MW calculé
36 kDa

MW observés:
36 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat

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 : cellules HeLa, cellules HEK-293, tissu hépatique de rat, tissu hépatique de souris

IP : cellules HeLa,

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

COQ9, also named as C16orf49, HSPC326, and PSEC0129, is a 318 amino acid protein, which belongs to the COQ9 family. COQ9 localizes in the Mitochondrion and is involved in the biosynthesis of coenzyme Q. COQ9 has abilities to improve left ventricular performance and to reduce myocardial infarct size and cardiomyocyte apoptosis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lucia Laugwitz	34656997	J Med Genet	WB
Diran Herebian	28552678	Mol Genet Metab	WB
Eugen Widmeier	32381600	J Am Soc Nephrol	WB

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.

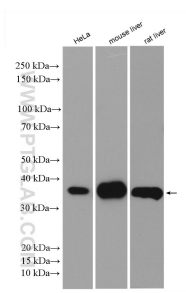
For technical support and original validation data for this product please contact:

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

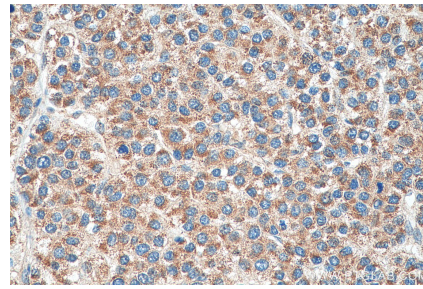
E: proteintech@ptglab.com
W: ptglab.com

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

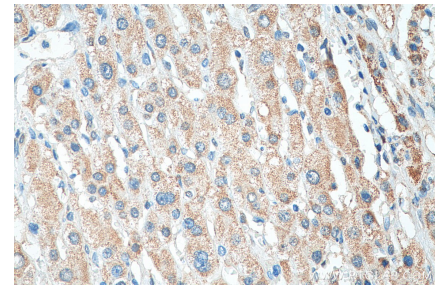
Données de validation sélectionnées



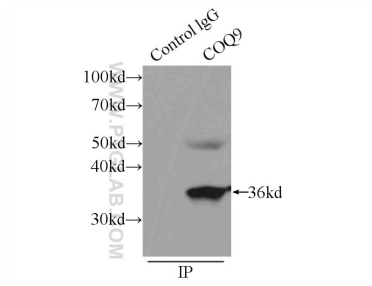
Various lysates were subjected to SDS PAGE followed by western blot with 14874-1-AP (COQ9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



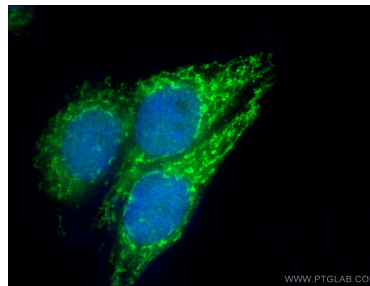
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14874-1-AP (COQ9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



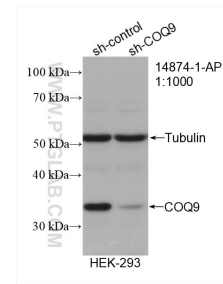
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14874-1-AP (COQ9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-COQ9 (IP:14874-1-AP, 3ug; Detection:14874-1-AP 1:500) with HeLa cells lysate 1840ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 14874-1-AP (COQ9 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of COQ9 antibody (14874-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-COQ9 transfected HEK-293 cells.