

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-COX10



Numéro de catalogue: 10611-2-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:
10611-2-AP

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

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0930

Numéro d'acquisition GenBank:
BC006394

Identification du gène (NCBI):
1352

Nom complet:
COX10 homolog, cytochrome c
oxidase assembly protein, heme A:
farnesyltransferase (yeast)

MW calculé
51 kDa

MW observés:
51 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:200-1:1000

Applications

Applications testées:
WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : cellules A549, tissu de côlon de rat, tissu de côlon
de souris

Informations générales

Cytochrome c oxidase (COX) is the terminal enzyme in the electron transfer chain located in the mitochondrial inner membrane. It catalyzes the electron transfer from reduced cytochrome c to oxygen. COX10 is predicted to contain 7-9 transmembrane domains, and it is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes heme A:farnesyltransferase, which is required for the expression of functional COX and functions in the maturation of the heme A prosthetic group of COX. In addition, COX10 may play a certain role in the development and progression of azoospermia.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kuan Zhang	36433959	Nat Commun	WB
Wenlu Fan	31685661	J Biol Chem	WB
Qing Zhang	35594990	Free Radic Biol Med	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.

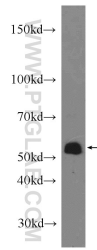
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Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 10611-2-AP (COX10 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.