

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HIGD2A



Numéro de catalogue: 21415-1-AP

2 Publications

Informations de base

Numéro de catalogue:

21415-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG15892

Numéro d'acquisition GenBank:

BC007502

Identification du gène (NCBI):

192286

Nom complet:

HIG1 hypoxia inducible domain family, member 2A

MW calculé

106 aa, 12 kDa

MW observés:

11 kDa, 50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IF 1:200-1:800

Applications

Applications testées:

IF, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : tissu rénal de souris,

IF : cellules MCF-7,

Informations générales

The mammalian HIGD-family proteins include two subgroups of yeast Rcf1 homologs, HIGD1A/B/C and HIGD2A/B. HIGD1A and HIGD2A (of 10.4 and 11.5 kDa, respectively) have two hydrophilic transmembrane domains and are localized in the inner mitochondrial membrane. HIGD1A and HIGD2A expression is induced under stress conditions like hypoxia or glucose deprivation in human cervical epithelial cells and murine cerebral cortical neurons. HIGD1A may play pleiotropic roles in mitochondrial respiratory chain biogenesis. HIGD2A forms a 50 kDa regulatory module with COX4-1, COX5B, and COX6A1, which binds to newly synthesized COX3 to promote its binding to the previously assembled COX1 + COX2 module (PMID:33291261,32375044).

Publications notables

Autrice	Pubmed ID	Journal	Application
Daniella H Hock	33451405	Mol Cell Proteomics	WB
Daniella H Hock	32317297	Mol Cell Proteomics	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.

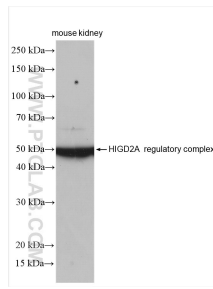
For technical support and original validation data for this product please contact:

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

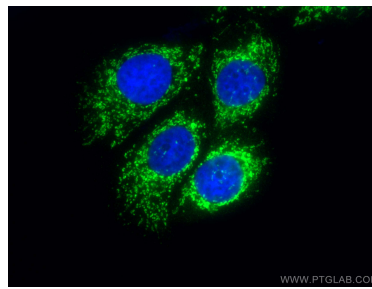
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 21415-1-AP (HIGD2A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using HIGD2A antibody (21415-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).