

À des fins de recherche uniquement

Anticorps Monoclonal anti-ECHS1

Numéro de catalogue: 66117-1-Ig

Phare

4 Publications



Informations de base

Numéro de catalogue:

66117-1-Ig

Numéro d'acquisition GenBank:

BC008906

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1207 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

1892

CloneNo.:

2B9D5

Hôte:

Mouse

Nom complet:

enoyl Coenzyme A hydratase, short chain, 1, mitochondrial

Dilutions recommandées:

WB 1:2000-1:20000
IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB
IHC 1:50-1:1000

Isotype:

IgG2b

MW calculé

31 kDa

MW observés:

31 kDa

Immunogen Catalog Number:

AG16775

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules COLO 320, cellules HEK-293, cellules HepG2, cellules L02, cellules PC-3, cellules T47D, tissu testiculaire humain

IP : cellules HepG2,

IHC : tissu de cancer de la prostate humain, tissu hépatique humain

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.

Informations générales

Enoyl-coenzyme A hydratase (ECHS1) is a mitochondrial protein which catalyzes the hydration of 2-trans-enoyl-coenzyme A intermediates to L-3-hydroxyacyl-coenzyme A, playing key role in metabolism of fatty acids in mitochondria. ECHS1 is highly expressed in muscle, liver and fibroblasts. Altered expression of ECHS1 has been considered as a characteristic feature of mitochondria dysfunction. (23275097, 23235493)

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|----------------|-----------|------------------------|-------------|
| Wei-Dong Xu | 25281561 | J Proteomics | WB |
| Rui Li | 34615856 | Cell Death Dis | WB,IF,IP |
| Tobias B Haack | 26000322 | Ann Clin Transl Neurol | 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.

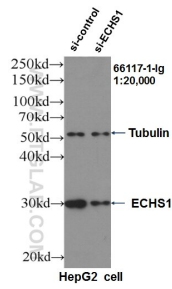
For technical support and original validation data for this product please contact:

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

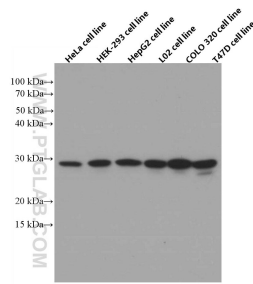
E: proteintech@ptglab.com
W: ptglab.com

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

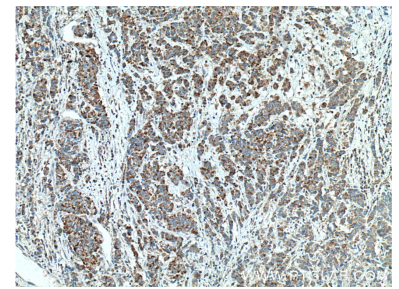
Données de validation sélectionnées



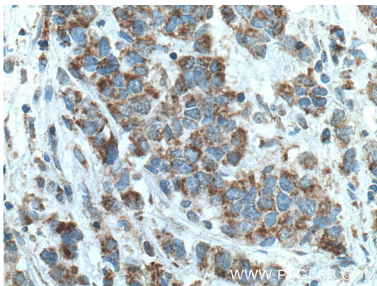
WB result of ECHS1 antibody (66117-1-Ig, 1:20,000) with si-Control and si-ECHS1 transfected HepG2 cells.



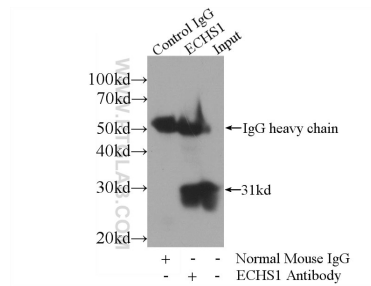
Various cells were subjected to SDS PAGE followed by western blot with 66117-1-Ig (ECHS1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66117-1-Ig (ECHS1 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 66117-1-Ig (ECHS1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ECHS1 (IP:66117-1-Ig, 3ug; Detection:66117-1-Ig 1:1000) with HepG2 cells lysate 3600ug.