

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-COASY



Numéro de catalogue: 12991-1-AP

1 Publications

Informations de base

Numéro de catalogue:

12991-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3651

Numéro d'acquisition GenBank:

BC020985

Identification du gène (NCBI):

80347

Nom complet:

Coenzyme A synthase

MW calculé

564 aa, 62 kDa

MW observés:

62 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

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

IP : cellules HeLa,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa,

Informations générales

Bifunctional coenzyme A synthase (COASY) is a bifunctional enzyme that catalyzes the fourth and fifth sequential steps of the CoA biosynthetic pathway. The fourth reaction is catalyzed by the phosphopantetheine adenylyltransferase, coded by the coaD domain; the fifth reaction is catalyzed by the dephospho-CoA kinase, coded by the coaE domain. May act as a point of CoA biosynthesis regulation. It was reported that having a key role in erythroid maturation and identified upstream and downstream metabolites of COASY as a potential treatment for anemia in patients with MDS-RS (PMID: 36857430). COASY has 2 isoforms with molecular weights of 62 and 65 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Han-Qing Pang	29551975	Front Pharmacol	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.

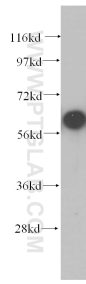
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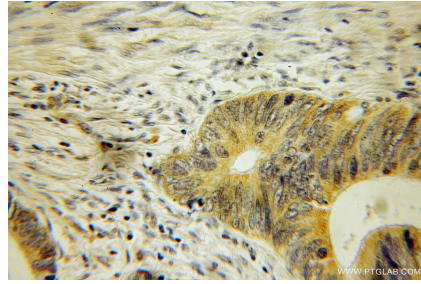
E: proteintech@ptglab.com
W: ptglab.com

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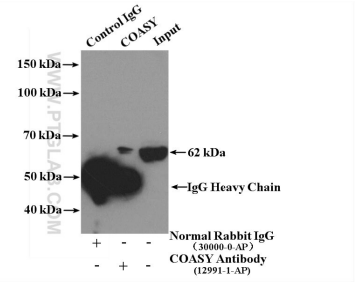
Données de validation sélectionnées



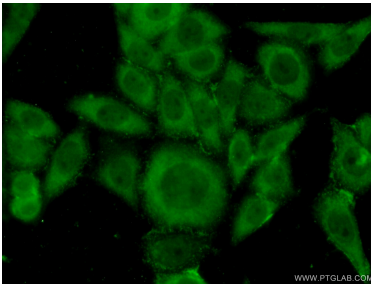
HeLa cells were subjected to SDS PAGE followed by western blot with 12991-1-AP (COASY antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 12991-1-AP (COASY antibody) at dilution of 1:100 (under 10x lens).



IP Result of anti-COASY (IP:12991-1-AP, 4ug; Detection:12991-1-AP 1:500) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 12991-1-AP (COASY antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).