

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-BLMH



Numéro de catalogue: 14941-1-AP

3 Publications

Informations de base

Numéro de catalogue:

14941-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6888

Numéro d'acquisition GenBank:

BC003616

Identification du gène (NCBI):

642

Nom complet:

bleomycin hydrolase

MW calculé

53 kDa

MW observés:

50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris, Hamster

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 : tissu de côlon humain, tissu pancréatique de souris, tissu splénique de souris

IP : tissu cutané de souris,

IHC : tissu de cancer du côlon humain,

IF : cellules HeLa,

Informations générales

BLMH(Bleomycin hydrolase) is also named as BH, BMH and belongs to the peptidase C1 family. The gene is expressed in many human tissues with elevated expression levels found in testis, skeletal muscle, and pancreas, and low levels of expression in colon and peripheral blood leukocytes(PMID:8639621). The protein catalyzes the inactivation of the antitumor drug BLM (a glycopeptide) by hydrolyzing the carboxamide bond of its B-aminoalaninamide moiety thus protecting normal and malignant cells from BLM toxicity. BH-immunoreactivity is essentially located in the cytoplasm and at the outer membrane of the rough endoplasmic reticulum of epithelial cells of the kidney, as well as in that of hepatocytes of the liver(PMID:17158865).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ljudmila Solovjeva	26458748	BMC Mol Biol	IF
Bin Chen	36484368	Int J Oncol	IHC
Munehiro Tsurumachi	37003921	J Dermatol Sci	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.

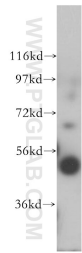
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

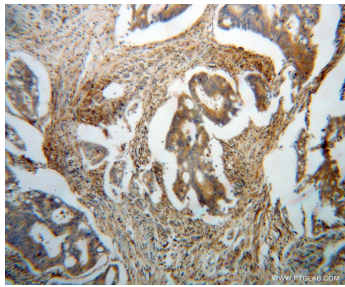
E: proteintech@ptglab.com
W: ptglab.com

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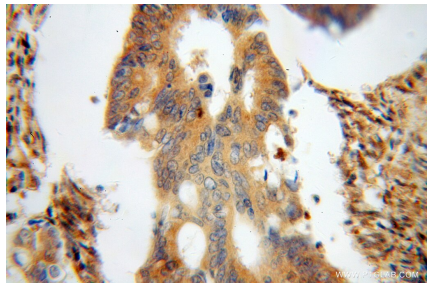
Données de validation sélectionnées



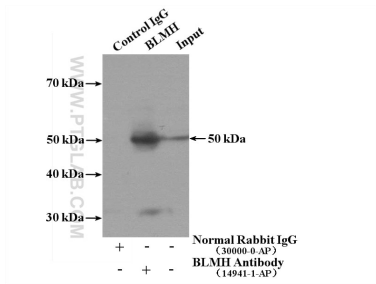
human colon tissue were subjected to SDS PAGE followed by western blot with 14941-1-AP (BLMH antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



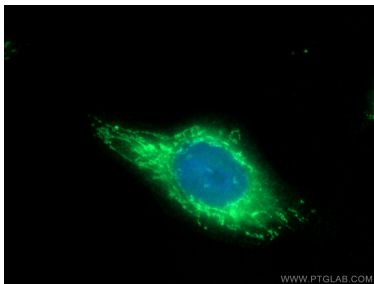
Immunohistochemical analysis of paraffin-embedded human colon cancer using 14941-1-AP (BLMH antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 14941-1-AP (BLMH antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-BLMH (IP:14941-1-AP, 4ug; Detection:14941-1-AP 1:1000) with mouse skin tissue lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 14941-1-AP (BLMH antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).