

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MGEA5



Numéro de catalogue: 14711-1-AP

Phare

55 Publications

Informations de base

Numéro de catalogue: 14711-1-AP	Numéro d'acquisition GenBank: BC039583	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 850 µg/ml by Nanodrop;	Identification du gène (NCBI): 10724	Dilutions recommandées: WB 1:2000-1:16000 IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: meningioma expressed antigen 5 (hyaluronidase)	
Isotype: IgG	MW calculé: 103 kDa	
Immunogen Catalog Number: AG6405	MW observés: 130 kDa	

Applications

Applications testées: IF, IHC, IP, WB, ELISA	Contrôles positifs: WB : cellules SMMC-7721, cellules BxPC-3, cellules HepG2 IP : cellules HepG2, IHC : tissu pancréatique humain, tissu de méningiome humain IF : cellules HepG2,
Demandes citées: ChIP, CoIP, IF, IHC, RIP, WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Drosophile, Humain, poisson-zèbre, porc, rat, souris	

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Human meningioma-expressed antigen 5 (MGEA5) has two putative domains including protein O-GlcNAcase domain and histone acetyltransferase domain, therefore it is often called bifunctional protein NCOAT. Three isoforms of MEGE5 are produced by alternative splicing. MGEA5 was found to be regulated to reduce the state of glycosylation of transcriptional activators while increasing the acetylation of histones to allow for the concerted activation of eukaryotic gene transcription, for instance, acetylation of Lys8 of histone H4 and Lys 14 of histone H3 are resulted from acetyltransferase activity. In addition, single nucleotide polymorphism in MGE5A is associated with type 2 diabetes in Mexican Americans. Two bands at 130kDa and 75 kDa could be detected using the present rabbit polyclonal antibody 14711-1-AP, which is consistent with results in a related reference (PubMed:11341771).

Publications notables

Autrice	Pubmed ID	Journal	Application
Tanjing Song	34551297	Cell Rep	WB
Xiao Han	31545463	Oncol Rep	
Alexis K Nagel	25187572	Mol Cell Proteomics	WB

Stockage

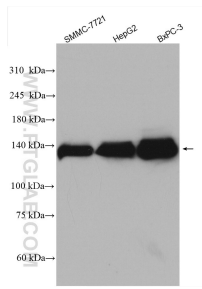
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquote n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

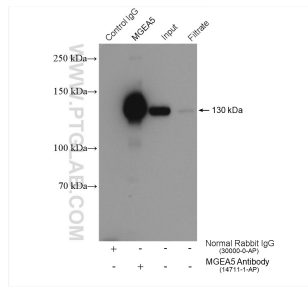
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

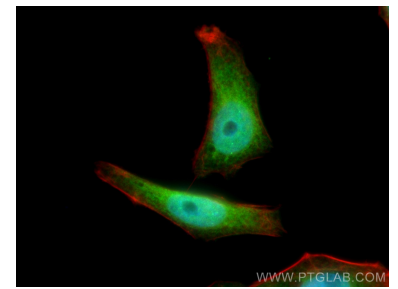
Données de validation sélectionnées



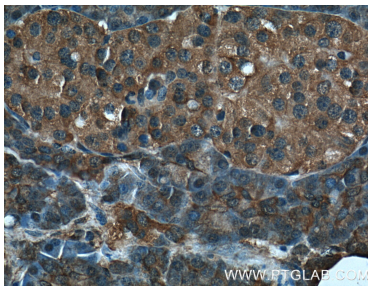
Various lysates were subjected to SDS PAGE followed by western blot with 14711-1-AP (MGEA5 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



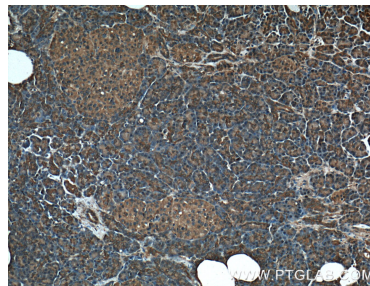
IP result of anti-MGEA5 (IP:14711-1-AP, 4ug; Detection:14711-1-AP 1:2000) with HepG2 cells lysate 1880 ug.



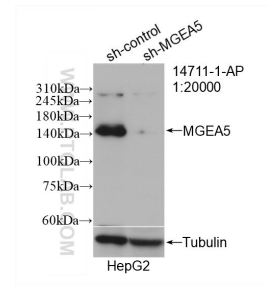
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using MGEA5 antibody (14711-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 14711-1-AP (MGEA5 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 14711-1-AP (MGEA5 Antibody) at dilution of 1:200 (under 40x lens).



WB result of MGEA5 antibody (14711-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MGEA5 transfected HepG2 cells.