

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MPP8



Numéro de catalogue: 16796-1-AP

Phare

23 Publications

Informations de base

Numéro de catalogue:

16796-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG10268

Numéro d'acquisition GenBank:

BC003542

Identification du gène (NCBI):

54737

Nom complet:

M-phase phosphoprotein 8

MW calculé

860 aa, 97 kDa

MW observés:

97-105 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:5000-1:50000

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

IF 1:200-1:800

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

chIP, CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2, cellules MCF-7, cellules NIH/3T3, cellules PC-3, cellules U-251, tissu cérébral de rat, tissu cérébral de souris

IP : tissu cérébral de souris,

IF : cellules U2OS,

Informations générales

The M-phase phosphoprotein 8 (MPP8) was firstly identified to coimmunoprecipitate with the RanBPM-comprised large protein complex [PMID:19956676]. It also binds to methylated H3K9 and recruited the H3K9 methyltransferases GLP and ESET, as well as DNA methyltransferase 3A (DNMT3A) to the promoter of the E-cadherin gene, a key regulator of tumor cell growth and epithelial-to-mesenchymal transition (EMT) [PMID:18726070]. This binding event of MPP8-H3K9me modulates the expression of E-cadherin, a key regulator of cell-cell adhesion with implications in embryonic development, tissue morphogenesis and homeostasis, together with H3K9 methyltransferases GLP and ESET and DNA methyltransferase 3a (Dnmt3a) [PMID: 18726070].

Publications notables

Autrice	Pubmed ID	Journal	Application
Paola Cruz-Tapias	31557926	Genes (Basel)	WB,IP,chIP
Leonid Yurkovetskiy	30297740	Nat Microbiol	WB
Takeshi Tsusaka	30286792	Epigenetics Chromatin	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.

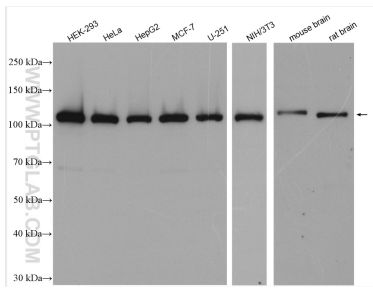
For technical support and original validation data for this product please contact:

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

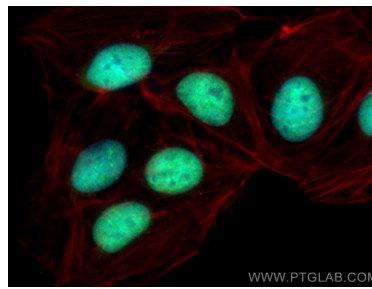
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



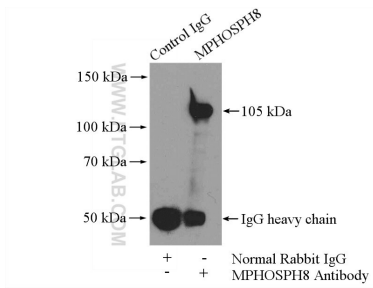
Various lysates were subjected to SDS PAGE followed by western blot with 16796-1-AP (MPP8 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MPP8 antibody (16796-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 16796-1-AP (MPP8 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-MPP8 (IP:16796-1-AP, 4ug; Detection:16796-1-AP 1:1000) with mouse brain tissue lysate 4000ug.