

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MCM2



Numéro de catalogue: 10513-1-AP

Phare

31 Publications

Informations de base

Numéro de catalogue:

10513-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0798

Numéro d'acquisition GenBank:

BC007670

Identification du gène (NCBI):

4171

Nom complet:

minichromosome maintenance complex component 2

MW calculé

102 kDa

MW observés:

116-125 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 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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 HEK-293, cellules HeLa, cellules K-562, cellules PC-3

IP : cellules HEK-293,

IHC : tissu d'amygdalite humaine, tissu placentaire humain

IF : cellules HeLa, tissu de gliome humain

Informations générales

The MCM2-7 complex forms the core of the replicative helicase which acts as the molecular motor that uses ATP binding and hydrolysis to fuel the unwinding of double-stranded DNA at the replication fork in eukaryotes. This complex is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. MCM2, also named CDCL1 and BM28, is a human nuclear protein that plays an important role in 2 crucial steps of the cell cycle, namely, onset of DNA replication and cell division.

Publications notables

Autrice	Pubmed ID	Journal	Application
Irina Vazquez-Villasenor	34536321	Eur J Neurosci	IF
Chun Pan	36115647	Toxicology	IHC
Xin Zhou	36243809	Cell Death Discov	WB,IHC,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote 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.

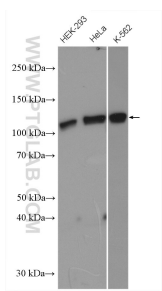
For technical support and original validation data for this product please contact:

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

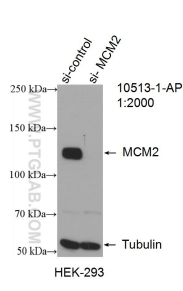
E: proteintech@ptglab.com
W: ptglab.com

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

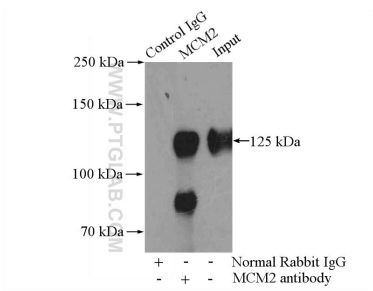
Données de validation sélectionnées



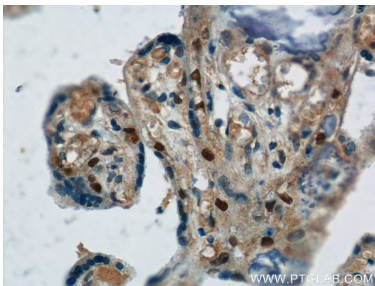
Various cells were subjected to SDS PAGE followed by western blot with 10513-1-AP (MCM2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



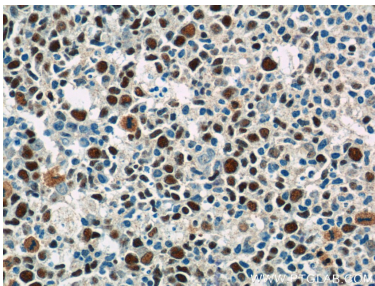
WB result of MCM2 antibody (10513-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MCM2 transfected HEK-293 cells.



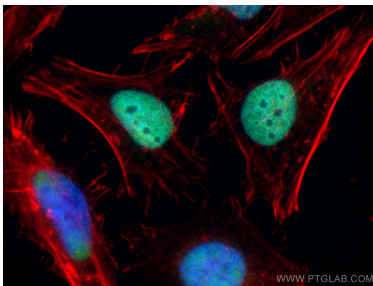
IP Result of anti-MCM2 (IP:10513-1-AP, 4ug; Detection:10513-1-AP 1:800) with HEK-293 cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10513-1-AP (MCM2 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10513-1-AP (MCM2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MCM2 antibody (10513-1-AP) at dilution of 1:20 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).