

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MMP9 (Middle)



Numéro de catalogue: 27306-1-AP

22 Publications

## Informations de base

Numéro de catalogue:

27306-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG26132

Numéro d'acquisition GenBank:

BC006093

Identification du gène (NCBI):

4318

Nom complet:

matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)

MW calculé

707 aa, 78 kDa

MW observés:

92 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain

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 : tissu salivaire humain,

IP : tissu salivaire humain,

IHC : tissu d'amygdalite humaine, tissu splénique humain

## Informations générales

Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, tissue remodeling, and disease processes, such as arthritis or metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. Matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) (MMP9, synonyms: GELB, CLG4B) degrades collagens type IV and V. Studies in rhesus monkeys suggest that MMP9 is involved in IL-8-induced mobilization hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. The pro-MMP9 is 92 kDa, and it can be detected a processed form of 68 kDa or 82 kDa. This protein can exist as a dimer of 180 kDa (PMID:7492685).

## Publications notables

Autrice	Pubmed ID	Journal	Application
XIAOYUE FENG	34528694	Oncol Rep	WB
WANG Xiao-He	34688464	Chin J Nat Med	WB
Cong Xu	34868365	Oncol Lett	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.

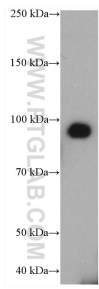
For technical support and original validation data for this product please contact:

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

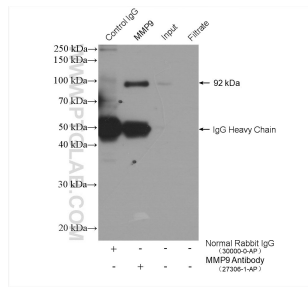
E: proteintech@ptglab.com  
W: ptglab.com

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

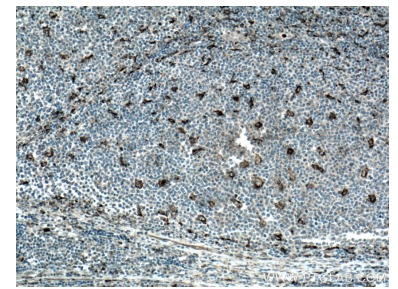
## Données de validation sélectionnées



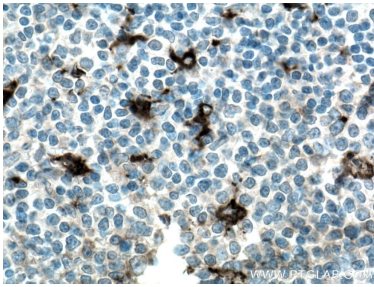
human saliva were subjected to SDS PAGE followed by western blot with 27306-1-AP (MMP9 (Middle) antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-MMP9 (Middle)(IP:27306-1-AP, 4ug; Detection:27306-1-AP 1:300) with human saliva lysate 800 ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27306-1-AP (MMP9 (Middle) antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27306-1-AP (MMP9 (Middle) antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).