

MMP10 Polyclonal antibody

Catalog Number: 55340-1-AP

1 Publications

Basic Information

Catalog Number:

55340-1-AP

Size:

150ul , Concentration: 227 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002425

GeneID (NCBI):

4319

UNIPROT ID:

P09238

Full Name:

matrix metalloproteinase 10 (stromelysin 2)

Calculated MW:

54 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Background Information

MMP10, also named as STMY2, Transin-2, MMP-10, SL-2 and Stromelysin-2, belongs to the peptidase M10A family. It can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. MMP10 activates procollagenase. Western blot against MMP-10 revealed bands at a molecular weight of about 56 and 42 kDa in serum samples, and the bands with molecular weights of about 42 kDa may be the active forms of MMP-10 (PMID:20215736). The expression profile of MMP-10 in several human tumors, coupled with broad substrate specificity and expression in several stages of the tumorigenic process suggests MMP-10 as a potential tumor marker and a predictor of clinical behavior, and supports MMP-10 inhibition as a valid therapeutic strategy (PMID:15720804). This antibody is specific to MMP10.

Notable Publications

Author	Pubmed ID	Journal	Application
HaoYuan Wu	38734657	Cancer Cell Int	WB

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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

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