

MMP3 Rabbit mAb

Catalog No: #49688

Package Size: #49688-1 50ul #49688-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

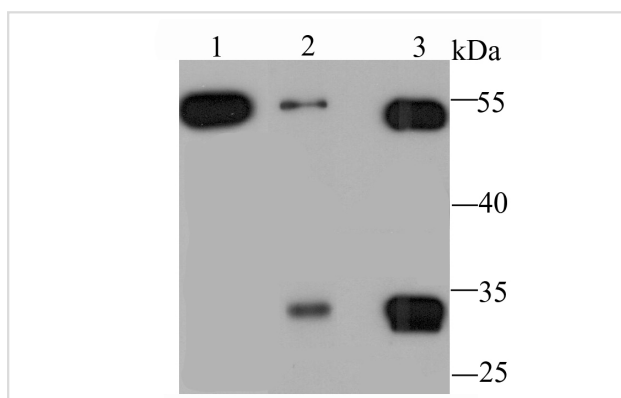
Description

Product Name	MMP3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	CHDS6 antibody Matrix metalloproteinase 3 antibody Matrix metalloproteinase-3 antibody MGC126102 antibody MGC126103 antibody MGC126104 antibody MMP 3 antibody MMP-3 antibody MMP3 antibody MMP3_HUMAN antibody Proteoglycanase antibody SL-1 antibody SL1 antibody STMY antibody STMY1 antibody STR1 antibody Stromelysin 1 antibody Stromelysin-1 antibody Transin 1 antibody Transin-1 antibody
Accession No.	Swiss-Prot#:P08254
Uniprot	P08254
GeneID	4314;
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

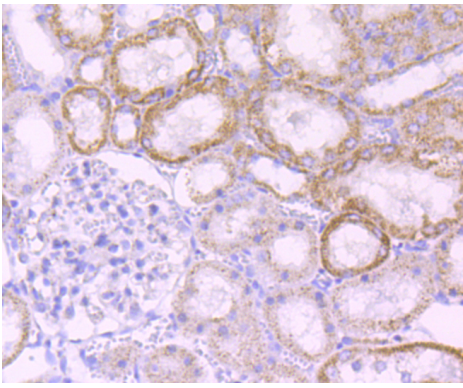
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200

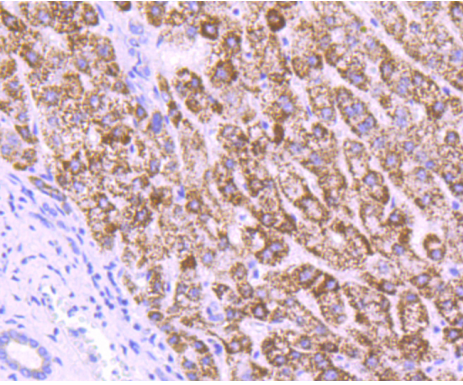
Images



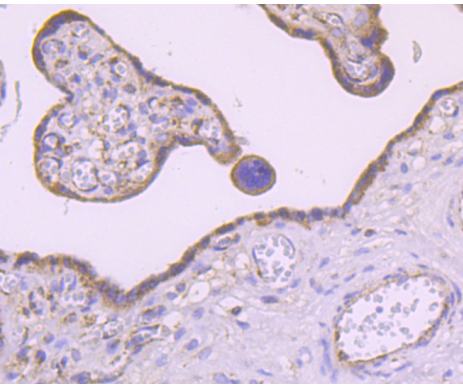
Western blot analysis of MMP3 on different lysates using anti-MMP3 antibody at 1/1,000 dilution. Positive control: Lane 1: Human liver
Lane 2: Mouse lung
Lane 3: Rat liver



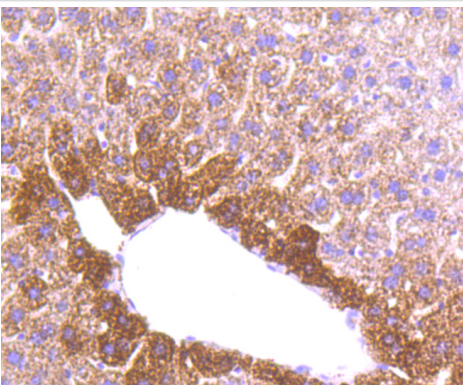
Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-MMP3 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-MMP3 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-MMP3 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-MMP3 antibody. Counter stained with hematoxylin.

Background

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-3, MMP-10 and MMP-11 (also designated stromelysin-1, -2 and -3 respectively) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

References

Note: This product is for in vitro research use only