



[Go to Product page](#)

Datasheet for ABIN2779559
anti-MMP19 antibody (N-Term)

5 Images

Overview

Quantity:	100 µL
Target:	MMP19
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MMP19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MMP19
Sequence:	ALRAFQEASE LPVSGQLDDA TRARMRQPRC GLEDPFNQKT LKYLLLGRWR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MMP19. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	MMP19
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Target Details

Alternative Name: MMP19 ([MMP19 Products](#))

Background: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling. They are also involved in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The function of MMP-19 has not been determined. This gene corresponding to this protein was previously referred to as MMP18 but has been renamed matrix metalloproteinase 19 (MMP19). Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Alias Symbols: MMP18, RASI-1

Protein Interaction Partner: ACAN,

Protein Size: 508

Molecular Weight: 56 kDa

Gene ID: 4327

NCBI Accession: [NM_002429](#), [NP_002420](#)

UniProt: [Q99542](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 508 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

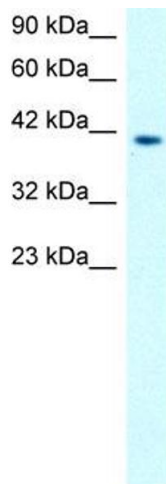
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

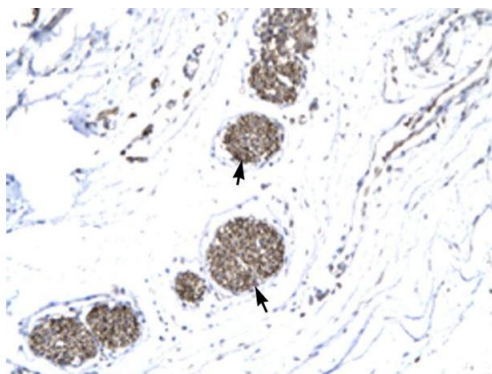
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

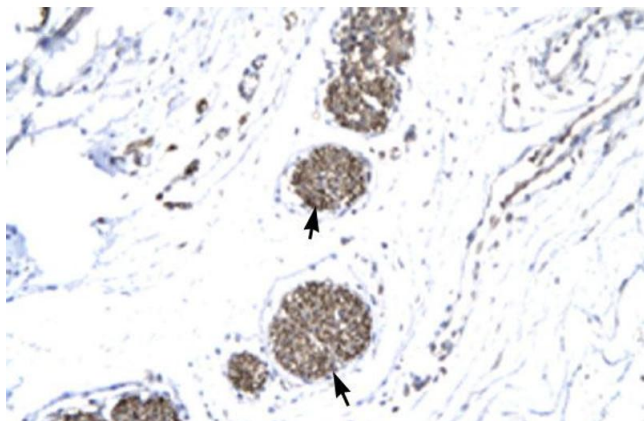
Image 1. WB Suggested Anti-MM Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Rabbit Anti-MMP19 Antibody
Catalog Number: ARP32314
Lot Number: QC1764
Paraffin Embedded Tissue: Human urinary bladder
Cells with Positive label: Ganglionic cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human urinary bladder



Immunohistochemistry

Image 3. Human urinary bladder

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2779559.