

Rabbit MMP19 Polyclonal Antibody | anti-MMP19 antibody

MMP19 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197329	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

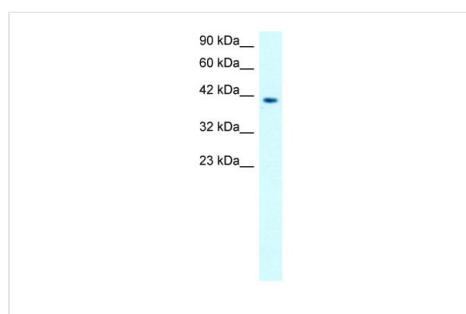
PRODUCT SYNONYMS

MMP19; Polyclonal Antibody; MMP19 antibody - N-terminal region; anti-MMP19 antibody

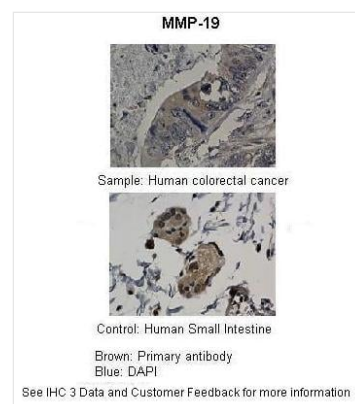
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AL RAFQEASELP VSGQLDDATR ARMQRPRCGL EDPFNQKTLK YLLLGRWR
Sequence Length	508
Applicable Applications for anti-MMP19 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MMP19
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

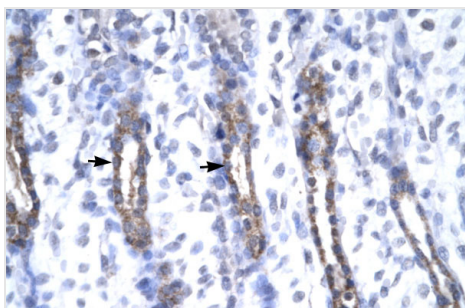
IMAGES


WB (Western Blot)

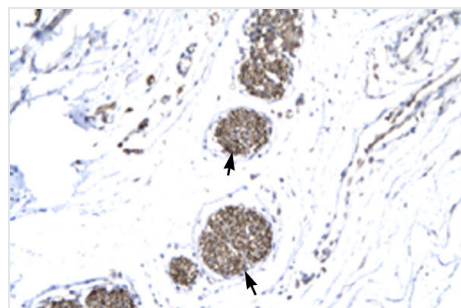
WB Suggested Anti-MMP19 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Sample Type :Control-Human small intestine, Sample-Human colorectal cancer
Primary Antibody Dilution :1:100
Secondary Antibody :Biotinylated pig anti-rabbit+streptavidin-HRP
Color/Signal Descriptions :MMP19: Brown DAPI:Blue
Gene Name :MMP19 Submitted by :Department of Pathology, Hospital de Carabineros de Chile, Santiago, Chile



IHC (Immunohistochemistry)
Human urinary bladder



IHC (Immunohistochemistry)
Human urinary bladder

ADDITIONAL INFORMATION

Related Product Information for anti-MMP19 antibody	This is a rabbit polyclonal antibody against MMP19. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-MMP19 antibody	Polyclonal; Drugs and Drug Metabolism; Developmental Biology; Disease Related; Immunohistochemistry; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505213
NCBI GeneID	4327
NCBI Accession #	NP_002420
NCBI GenBank Nucleotide #	NM_002429
UniProt Accession #	Q99542
Molecular Weight	56kDa
NCBI Official Full Name	matrix metalloproteinase-19 isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 19
NCBI Official Symbol	MMP19
NCBI Official Synonym Symbols	CODA; MMP18; RASI-1
NCBI Protein Information	matrix metalloproteinase-19
UniProt Protein Name	Matrix metalloproteinase-19
UniProt Gene Name	MMP19
UniProt Synonym Gene Names	MMP18; RASI; MMP-19; MMP-18
UniProt Entry Name	MMP19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.