

Rabbit MMP2 Polyclonal Antibody | anti-MMP2 antibody

MMP2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201731	Rabbit	Tested: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

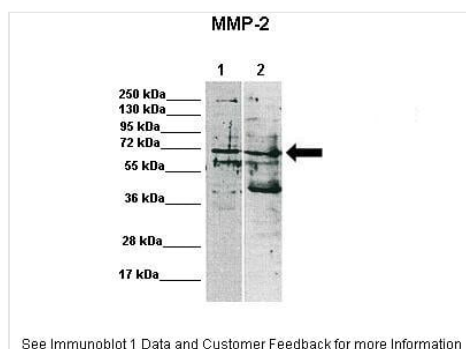
PRODUCT SYNONYMS

MMP2; Polyclonal Antibody; MMP2 antibody - C-terminal region; anti-MMP2 antibody

PRODUCT SPECIFICATIONS

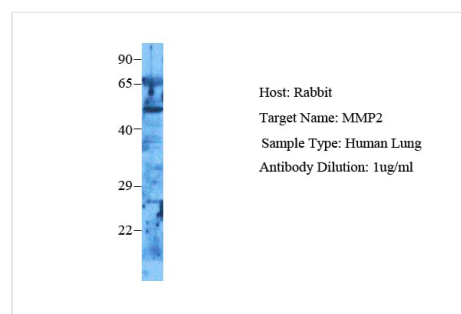
Host	Rabbit
Reactivity	Tested: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: AW NAIPDNLDV VDLQGGGHSY FFKGAYYLLKLE ENQSLKSVKF GSIKSDWL
Sequence Length	660
Applicable Applications for anti-MMP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human MMP2
Protein Size (#AA)	660 amino acids
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



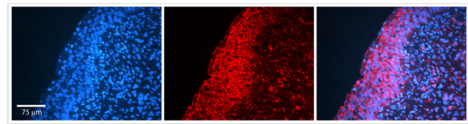
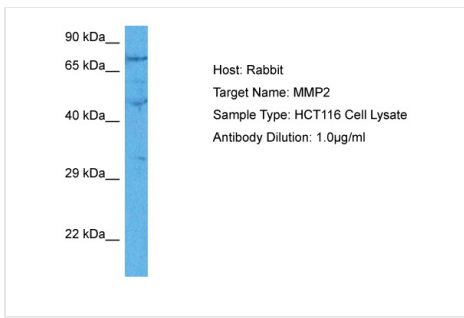
WB (Western Blot)

Lanes: Lane 1: 15ug MDA-MB-231 lysate; Lane 2: 15ug MCF7 lysate
 Primary Antibody Dilution: 1:1000
 Secondary Antibody: Anti-rabbit-HRP
 Secondary Antibody Dilution: 1:10,000
 Gene Name: MMP2
 Submitted by: Katarzyna Augoff, University of Wroclaw



WB (Western Blot)

Host: Rabbit
 Target Name: MMP2
 Sample Type: Human Lung
 Isoform 3: 66kDa
 Isoform 2: 69kDa
 Antibody Dilution: 1.0ug/ml

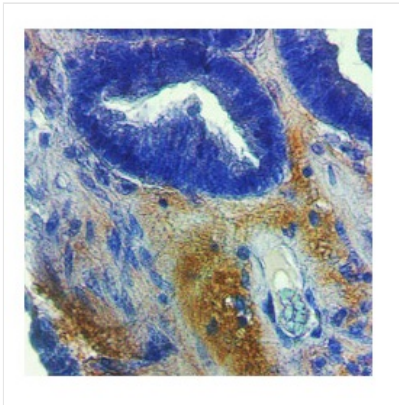


IHC (Immunohistochemistry)

Rabbit Anti-MMP2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Urinary Bladder Tissue
 Observed Staining: Cytoplasm
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)

Host: Rabbit
 Target Name: MMP2
 Sample Tissue: Human HCT116 Whole Cell
 Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

MMP1 in connective tissue in ovarian carcinoma was detected using HRP/DAB brown color stain. Recommended for IHC on human tissue. Working dilution 2-10 ug/mL

ADDITIONAL INFORMATION

Related Product Information for anti-MMP2 antibody	This is a rabbit polyclonal antibody against MMP2. It was validated on Western Blot using a cell lysate as a positive control.
	Target Description: MMP-2 is involved in the cleavage of gelatin type I and collagen types IV, V, VII, X.
Product Categories/Family for anti-MMP2 antibody	Polyclonal; Signal Proteins ; Drugs and Drug Metabolism ; Cell Biology ; Immunohistochemistry ; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342666
NCBI GeneID	4313
NCBI Accession #	NP_004521
NCBI GenBank Nucleotide #	NM_004530
UniProt Accession #	P08253
Molecular Weight	74kDa
NCBI Official Full Name	72 kDa type IV collagenase isoform 1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 2
NCBI Official Symbol	MMP2
NCBI Official Synonym Symbols	CLG4; MONA; CLG4A; MMP-2; TBE-1; MMP-II
NCBI Protein Information	72 kDa type IV collagenase

UniProt Protein Name	72 kDa type IV collagenase
UniProt Gene Name	MMP2
UniProt Synonym Gene Names	CLG4A; MMP-2
UniProt Entry Name	MMP2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mmp2-antibody-western-blot-immunohistochemistry-elisa/201731>