

Rabbit anti-Human, Mouse MMP15 Polyclonal Antibody | anti-MMP15 antibody

MMP15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320854	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MMP15; Polyclonal Antibody; MMP15 Antibody; A1503551; Matrix metallopeptidase 15 membrane inserted; Matrix metalloproteinase 15; Matrix metalloproteinase-15; Membrane type 2 matrix metalloproteinase; Membrane type matrix metalloproteinase 2; Membrane-type matrix metalloproteinase 2; Membrane-type-2 matrix metalloproteinase; MMP 15; MMP-15; MMP15_HUMAN; MT MMP 2; MT-MMP 2; MT2 MMP; MT2-MMP; MT2MMP; MTMMP 2; MTMMP2; SMCP 2; SMCP-2; SMCP2; anti-MMP15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	669
Applicable Applications for anti-MMP15 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MMP15, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA320854 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA320854 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Mouse brain, using MMP15 Ab. The lane on the left was treated with blocking peptide. Observed bands: 70 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP15 antibody	Description: Endopeptidase that degrades various components of the extracellular matrix. May activate progelatinase A. Belongs to the peptidase M10A family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505211
NCBI GeneID	4324
NCBI Accession #	NP_002419.1
NCBI GenBank Nucleotide #	NM_002428.3
UniProt Accession #	P51511; Q14111; A0A2U6
Molecular Weight	80 kDa, 70 kDa
NCBI Official Full Name	matrix metalloproteinase-15 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 15
NCBI Official Symbol	MMP15
NCBI Official Synonym Symbols	MMP-15; MT2MMP; MTMMP2; SMCP-2; MT2-MMP
NCBI Protein Information	matrix metalloproteinase-15
UniProt Protein Name	Matrix metalloproteinase-15
UniProt Gene Name	MMP15
UniProt Synonym Gene Names	MMP-15; MT-MMP 2; MTMMP2; MT2-MMP; MT2MMP

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://stage.aaabiotech.com/polyclonal/mmp15-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320854>