Rabbit MMP11 Polyclonal Antibody | anti-MMP11 antibody

MMP11 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29689	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry**

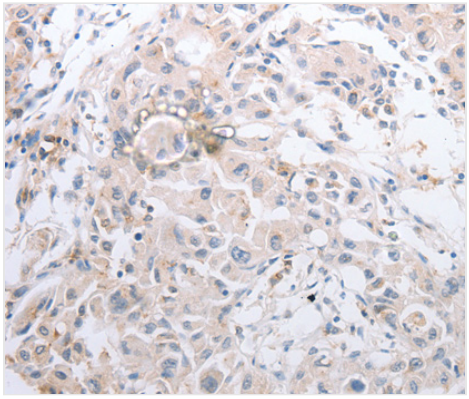
PRODUCT SYNONYMS

MMP11; Polyclonal Antibody; MMP11 antibody; ST3; SL-3; STMY3; anti-MMP11 antibody

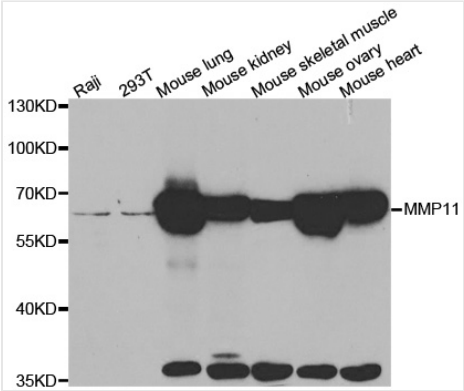
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MMP11 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-MMP11 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western blotting: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human MMP11.
SDS-PAGE MW	55kD
Target Name	MMP11
Preparation and Storage	Store at -20°C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung cancer tissue using MMP11 antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MMP11 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP11 antibody	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, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is activated intracellularly by furin within the constitutive secretory pathway. Also in contrast to other MMP's, this enzyme cleaves alpha 1-proteinase inhibitor but weakly degrades structural proteins of the extracellular matrix.
Product Categories/Family for anti-MMP11 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	58331148
NCBI GeneID	4320
NCBI Accession #	NP_005931.2
NCBI GenBank Nucleotide #	NM_005940.3
UniProt Accession #	P24347; Q5FX24; Q6PEZ6; Q9UC26
NCBI Official Full Name	stromelysin-3 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 11
NCBI Official Symbol	MMP11
NCBI Official Synonym Symbols	ST3; SL-3; STMY3
NCBI Protein Information	stromelysin-3
UniProt Protein Name	Stromelysin-3
UniProt Gene Name	**MMP11**
UniProt Synonym Gene Names	STMY3; SL-3; ST3; MMP-11
UniProt Entry Name	MMP11_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://stage.aaabiotech.com/polyclonal/mmp11-antibody-western-blot-immunohistochemistry-elisa/29689