

Product datasheet for **TA321486**

MMP15 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse stomach, heart and liver tissue, HT-29 cells
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human matrix metalloproteinase 15 (membrane-inserted)matrix metalloproteinase 15 (membrane-inserted)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76 kDa
Gene Name:	matrix metalloproteinase 15
Database Link:	NP_002419 Entrez Gene 17388 Mouse Entrez Gene 4324 Human P51511



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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; 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 protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted.

Synonyms:

MT2-MMP; MTMMP2; SMCP-2

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images:

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-4: Mouse stomach tissue

Mouse heart tissue

Mouse liver tissue

HT29 cells

Primary antibody: TA321486 (MMP15 Antibody)
at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

Exposure time: 1 minute