

Product datasheet for TA321486

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupper:@origene.com

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

EU: info-de@origene.com CN: techsupport@origene.cn

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

metallopeptidase 15 (membrane-inserted)matrix metallopeptidase 15 (membrane-inserted)

Formulation: PBS pH7.3, 0.05% NaN3, 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 metallopeptidase 15

Database Link: NP 002419

Entrez Gene 17388 MouseEntrez Gene 4324 Human

P51511





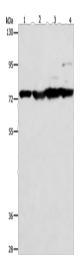
Background:

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