

## Product datasheet for **TA321480S**

### MMP7 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: 231 cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 5-100 amino acids of human matrix metalloproteinase 7 (matrilysin, uterine)
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
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:	30 kDa
Gene Name:	matrix metalloproteinase 7
Database Link:	<a href="#">NP_002414</a> <a href="#">Entrez Gene 4316 Human</a> <a href="#">P09237</a>



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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. The enzyme encoded by this gene degrades proteoglycans; fibronectin; elastin and casein and differs from most MMP family members in that it lacks a conserved C-terminal protein domain. The enzyme is involved in wound healing; and studies in mice suggest that it regulates the activity of defensins in intestinal mucosa. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

**Synonyms:**

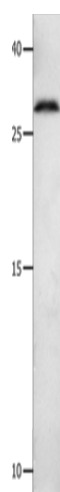
MMP-7; MPSL1; PUMP-1

**Protein Families:**

Druggable Genome, Protease

**Protein Pathways:**

Wnt signaling pathway

**Product images:**

Gel: 12%SDS-PAGE

Lysate: 30 µg

Lane: 231 cells

Primary antibody: [TA321480] (MMP7 Antibody)  
at dilution 1/600

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

Exposure time: 2 minutes