

Product datasheet for **TA339029**

MMP16 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MMP16 antibody: synthetic peptide directed towards the N terminal of human MMP16. Synthetic peptide located within the following region: ALAAMQQFYGINMTGKVD RNTIDWMKKPRCGVPDQTRGSSKFHIRRKRYA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	matrix metalloproteinase 16
Database Link:	NP_005932 Entrez Gene 4325 Human P51512



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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 encoded protein activates MMP2 by cleavage. This gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16. [provided by RefSeq, Oct 2010]

Synonyms:

C8orf57; MMP-X2; MT-MMP2; MT-MMP3; MT3-MMP

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:

WB Suggested Anti-MMP16 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive
Control: MCF7 cell lysate