

## Product datasheet for **TA341854**

### MMP24 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-MMP24 antibody: synthetic peptide directed towards the middle region of human MMP24. Synthetic peptide located within the following region: GSCLPREGIDTALRWEPVGKTYFFKGERYWRYSEERRATDPGYPKPITVW |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>                               |
| Concentration:          | lot specific  |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 57 kDa  |
| Gene Name:              | matrix metalloproteinase 24   |
| Database Link:          | <a href="#">NP_006681</a><br><a href="#">Entrez Gene 10893 Human Q9Y5R2</a>   |



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**Background:**

Proteins ofThe matrix metalloproteinase (MMP) family are involved inThe 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 byThis gene is a member ofThe membrane-type MMP (MT-MMP) subfamily; each member ofThis subfamily contains a potential transmembrane domain suggesting thatThese proteins are expressed atThe cell surface rather than secreted.This protein activates MMP2 by cleavage.The gene has previously been referred to as MMP25 but has been renamed MMP24. [provided by RefSeq, Jul 2008]

**Synonyms:**

MMP-24; MMP25; MT-MMP 5; MT-MMP5; MT5-MMP; MT5MMP; MTMMP5

**Note:**

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 86%

**Protein Families:**

Druggable Genome, Transmembrane

**Product images:**

WB Suggested Anti-MMP24 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive  
Control: HepG2 cell lysate