

## Rabbit Matrix Gla Protein Antibody | anti-MGP antibody

Polyclonal Antibody to Matrix Gla Protein (MGP)

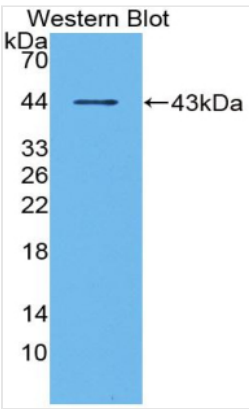
| CATALOG # | HOST   | REACTIVITY    | APPLICATIONS                                                                 |
|-----------|--------|---------------|------------------------------------------------------------------------------|
| AAA143102 | Rabbit | Mouse, Bovine | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Matrix Gla Protein; Polyclonal Antibody to Matrix Gla Protein (MGP); anti-MGP antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                    | Mouse, Bovine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                           | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                               | 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-MGP antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                             |
| Organism Species                              | Bos taurus; Bovine (Cattle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source                                        | Polyclonal antibody preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Traits                                        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                                     | Recombinant MGP (Tyr20~Lys103 (Accession # P07507)) expressed in E.coli ( )                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cross Reactivity                              | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                       | <p>Storage: Avoid repeated freeze/thaw cycles.<br/>Store at 4°C for frequent use.<br/>Aliquot and store at -20°C for 24 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



WB (Western Blot)  
Figure. Western Blot; Sample: Recombinant MGP, Bovine.

NCBI AND UNIPROT INFORMATION

|                            |                    |
|----------------------------|--------------------|
| NCBI GI #                  | 27807275           |
| NCBI GeneID                | 282660             |
| NCBI Accession #           | NP_777132.1        |
| NCBI GenBank Nucleotide #  | NM_174707.3        |
| UniProt Accession #        | P07507; Q54A30     |
| NCBI Official Full Name    | matrix Gla protein |
| NCBI Official Symbol       | MGP                |
| NCBI Protein Information   | matrix Gla protein |
| UniProt Protein Name       | Matrix Gla protein |
| UniProt Gene Name          | MGP                |
| UniProt Synonym Gene Names | MGP                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rabbit-mgp-bovine-mouse-ovine-antibody/matrix-gla-protein/143102>