

Rabbit MGP/Matrix Gla-Protein Polyclonal Antibody | anti-MGP antibody

MGP/Matrix Gla-Protein Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21296	Rabbit	Mouse, Rat, Human	Immunohistochemistry, Immunohistochemistry, Western Blot

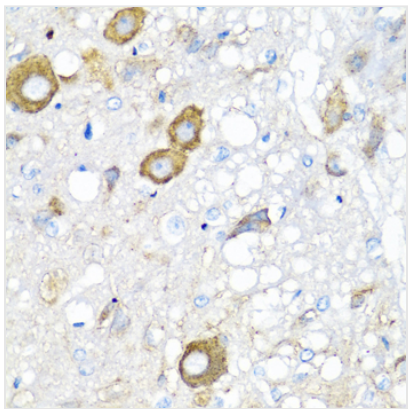
PRODUCT SYNONYMS

MGP/Matrix Gla-Protein; Polyclonal Antibody; MGP/Matrix Gla-Protein Rabbit anti-Human Polyclonal Antibody; IHC-plus MGP/Matrix Gla-Protein Antibody; MGP; GIG36; Matrix Gla protein; Matrix Gla-Protein; MGLAP; NTI; anti-MGP antibody

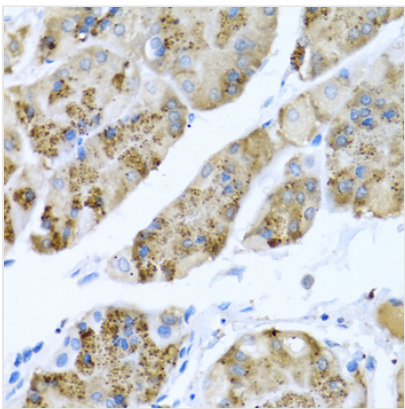
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human MGP/Matrix Gla-Protein
Purity/Purification	Affinity purified
Form/Format	PBS, pH7.3, 0.02% Sodium Azide, 50% Glycerol
Concentration	1.381mg/ml (varies by lot)
Applicable Applications for anti-MGP antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC: 1:100-1:200 IHC-P: 1:50 WB: 1:500-1:2000 The predicted MW is 12kDa/15kDa, while the observed MW by Western blot was 12kDa.
Target	Human MGP/Matrix Gla-Protein
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-103 of human MGP (NP_000891.2). YESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHELNREACDDYRLCERYAMVYGYNAAYNRYFRKRRGTK
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

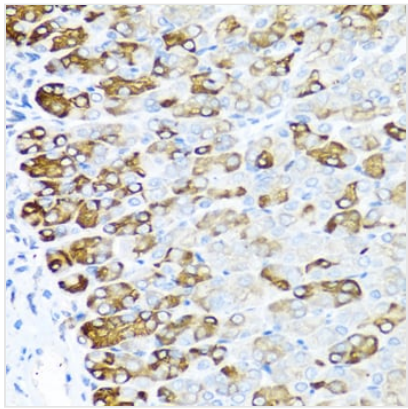
IMAGES



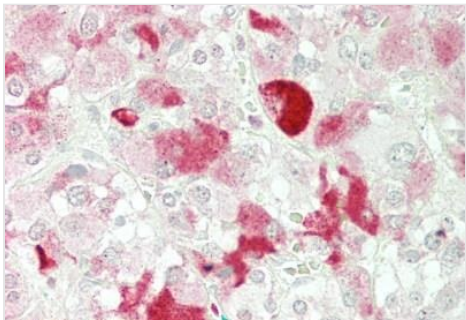
IHC (Immunohistochemistry)
MGP/Matrix Gla-Protein Antibody-Immunohistochemistry of paraffin-embedded rat brain using MGP antibody at dilution of 1:100 (40x lens).



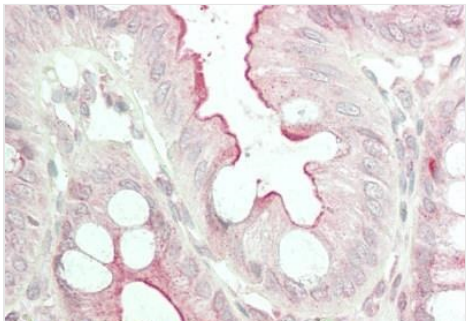
IHC (Immunohistochemistry)
MGP/Matrix Gla-Protein Antibody-Immunohistochemistry of paraffin-embedded human stomach using MGP antibody at dilution of 1:100 (40x lens).



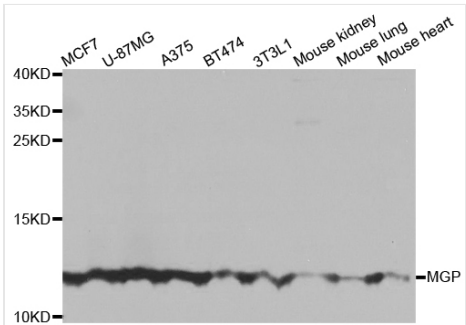
IHC (Immunohistochemistry)
MGP/Matrix Gla-Protein Antibody-Immunohistochemistry of paraffin-embedded mouse stomach using MGP antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
MGP/Matrix Gla-Protein Antibody-Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
MGP/Matrix Gla-Protein Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
MGP/Matrix Gla-Protein Antibody-Western blot of extracts of various cell lines, using MGP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MGP antibody	Matrix Gla-Protein antibody is an unconjugated rabbit polyclonal antibody to Matrix Gla-Protein (MGP) from human. It is reactive with human, mouse and rat. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574514
NCBI GeneID	4256

NCBI Accession #	NP_000891.2
NCBI GenBank Nucleotide #	NM_000900
UniProt Accession #	P08493 ; Q2TU41 ; Q567P9 ; Q6ICN5 ; A0M8W5 ; B2R519 ; J3KMX7
Molecular Weight	15,325 Da
NCBI Official Full Name	matrix Gla protein isoform 2
NCBI Official Synonym Full Names	matrix Gla protein
NCBI Official Symbol	MGP
NCBI Official Synonym Symbols	NTI; GIG36; MGLAP
NCBI Protein Information	matrix Gla protein; cell growth-inhibiting gene 36 protein
UniProt Protein Name	Matrix Gla protein
UniProt Gene Name	MGP
UniProt Synonym Gene Names	MGLAP; MGP
UniProt Entry Name	MGP_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mgp-matrix-gla-protein-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/21296>