

Rabbit MGP Polyclonal Antibody | anti-MGP antibody

MGP Polyclonal Antibody

CATALOG # AAA175352	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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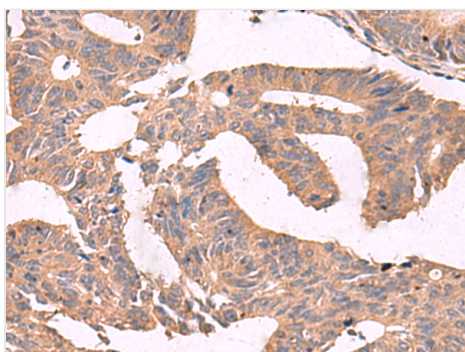
PRODUCT SYNONYMS

MGP; Polyclonal Antibody; MGP Polyclonal Antibody; Cell growth inhibiting gene 36 protein; Cell growth-inhibiting gene 36 protein; GAMMA-CARBOXYGLUTAMIC ACID PROTEIN; MATRIX; GIG36; Matrix Gla protein; MGLAP; NTI; anti-MGP antibody

PRODUCT SPECIFICATIONS

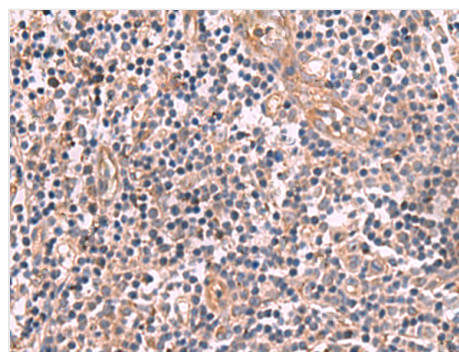
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.32mg/mL (varies by lot)
Sequence Length	103
Applicable Applications for anti-MGP antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human MGP
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using MGP Polyclonal Antibody at dilution of 1:75(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using MGP Polyclonal Antibody at dilution of 1:75(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-MGP antibody	Matrix Gla protein (MGP) is a vitamin K-dependent, extracellular matrix protein. MGP plays a pivotal role in preventing soft tissue calcification and local mineralization of the vascular wall. Vitamin K deficiency leads to inactive uncarboxylated MGP (ucMGP), which accumulates at sites of arterial calcification. However MGP is synthesized in many tissues and is especially enriched in embryonic tissues and in cancer cells. Defects in MGP are the cause of Keutel syndrome (KS), which is an autosomal recessive disorder characterized by abnormal cartilage calcification, peripheral pulmonary stenosis neural hearing loss and midfacial hypoplasia.
Product Categories/Family for anti-MGP antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	187591
NCBI GeneID	4256
UniProt Accession #	P08493
NCBI Official Full Name	matrix Gla protein
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
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://www.aaabiotech.com/polyclonal/mgp-antibody-immunohistochemistry-elisa/175352>