

Rabbit anti-Human PGC Polyclonal Antibody | anti-PGC antibody

PGC Antibody

CATALOG # AAA303892	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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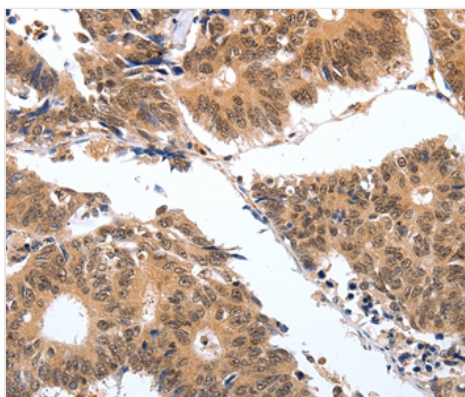
PRODUCT SYNONYMS

PGC; Polyclonal Antibody; PGC Antibody; PEPC; PGII; anti-PGC antibody

PRODUCT SPECIFICATIONS

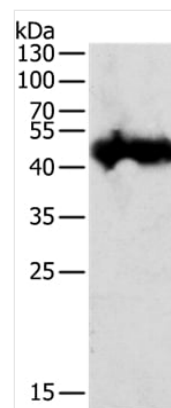
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PGC protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	315
Applicable Applications for anti-PGC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	PGC
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/25.



Application Data

Gel: 12%SDS-PAGE Lysate: 50ug 823 cell Primary antibody: 1/300 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PGC antibody	This gene encodes an aspartic proteinase that belongs to the peptidase family A1. The encoded protein is a digestive enzyme that is produced in the stomach and constitutes a major component of the gastric mucosa. This protein is also secreted into the serum. This protein is synthesized as an inactive zymogen that includes a highly basic prosegment. This enzyme is converted into its active mature form at low pH by sequential cleavage of the prosegment that is carried out by the enzyme itself. Polymorphisms in this gene are associated with susceptibility to gastric cancers. Serum levels of this enzyme are used as a biomarker for certain gastric diseases including Helicobacter pylori related gastritis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1.
Product Categories/Family for anti-PGC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	262206232
NCBI GeneID	5225
NCBI Accession #	NP_001159896.1
NCBI GenBank Nucleotide #	NM_001166424.1
UniProt Accession #	P20142; Q5T3D7; Q5T3D8; B4DVZ3
Molecular Weight	34,208 Da
NCBI Official Full Name	gastricsin isoform 2 preproprotein
NCBI Official Synonym Full Names	progastricsin (pepsinogen C)
NCBI Official Symbol	PGC
NCBI Official Synonym Symbols	PEPC; PGII
NCBI Protein Information	gastricsin
UniProt Protein Name	Gastricsin
UniProt Gene Name	PGC
UniProt Entry Name	PEPC_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/pgc-antibody-immunohistochemistry-western-blot-elisa/303892>