

Rabbit PGC Polyclonal Antibody | anti-PGC antibody

PGC Antibody

CATALOG # AAA168178	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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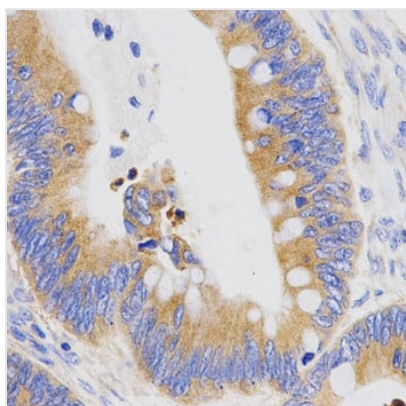
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

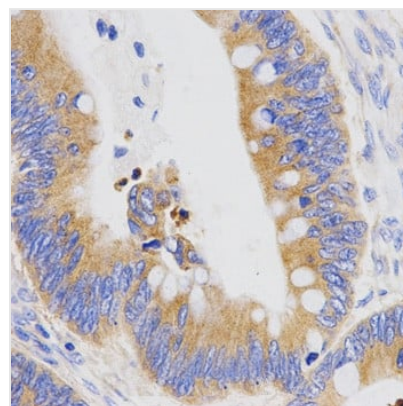
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	104
Applicable Applications for anti-PGC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human PGC
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-374044
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



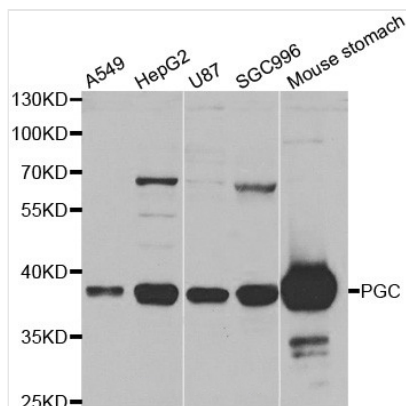
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human rectal tissue using PGC antibody at dilution of 1:200 (x400 lens)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer tissue using PGC antibody.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PGC antibody.

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 <i>Helicobacter pylori</i> related gastritis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27503535
NCBI GeneID	5225
Molecular Weight	34,208 Da
NCBI Official Full Name	PGC protein
NCBI Official Synonym Full Names	progastricsin (pepsinogen C)
NCBI Official Symbol	PGC
NCBI Official Synonym Symbols	PEPC; PGII
NCBI Protein Information	gastricsin; pepsin C; pepsinogen C; pepsinogen group II; preprogastricsin
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/pgc-antibody-immunohistochemistry-western-blot-elisa/168178>