

Rabbit GGCX Polyclonal Antibody | anti-GGCX antibody

GGCX Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284681	Rabbit	Human (Predicted Reactivity: Rat)	Western Blot, Immunohistochemistry, ELISA

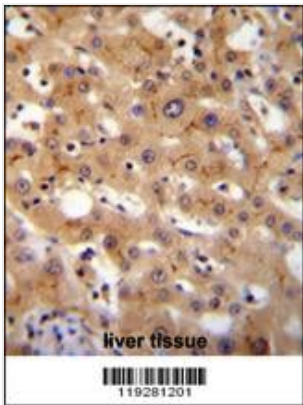
PRODUCT SYNONYMS

GGCX; Polyclonal Antibody; GGCX Antibody (Center); Vitamin K-dependent gamma-carboxylase; Gamma-glutamyl carboxylase; Peptidyl-glutamate 4-carboxylase; Vitamin K gamma glutamyl carboxylase; GC; anti-GGCX antibody

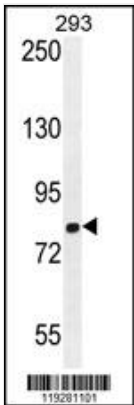
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GGCX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 548-578 amino acids from the Central region of human GGCX.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Positions	548-578
Sequence Length	758
Applicable Applications for anti-GGCX antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
GGCX Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GGCX Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GGCX Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the GGCX antibody detected the GGCX protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GGCX antibody	This gene encodes an enzyme which catalyzes the posttranslational modification of vitamin K-dependent protein. Many of these vitamin K-dependent proteins are involved in coagulation so the function of the encoded enzyme is essential for hemostasis. Mutations in this gene are associated with vitamin K-dependent coagulation defect and PXE-like disorder with multiple coagulation factor deficiency. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GGCX antibody	Cardiovascular
References	Higgins-Gruber, S.L., et al. J. Biol. Chem. 285(41):31502-31508(2010) King, C.R., et al. Thromb. Haemost. 104(4):750-754(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ikejiri, M., et al. Int. J. Hematol. 92(2):302-305(2010) Schelleman, H., et al. Br J Clin Pharmacol 70(3):393-399(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361163
NCBI GeneID	2677
NCBI Accession #	NP_000812.2; NP_001135741.1
NCBI GenBank Nucleotide #	NM_000821.5
UniProt Accession #	P38435; Q14415; Q6GU45; B4DMC5; E9PEE1
Molecular Weight	87561
NCBI Official Full Name	vitamin K-dependent gamma-carboxylase isoform 1
NCBI Official Synonym Full Names	gamma-glutamyl carboxylase
NCBI Official Symbol	GGCX
NCBI Official Synonym Symbols	VKCFD1
NCBI Protein Information	vitamin K-dependent gamma-carboxylase

UniProt Protein Name	Vitamin K-dependent gamma-carboxylase
UniProt Gene Name	GGCX
UniProt Synonym Gene Names	GC
UniProt Entry Name	VKGC_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://stage.aaabiotech.com/polyclonal/ggcx-antibody-western-blot-immunohistochemistry-elisa/284681>