

Rabbit GGCX Polyclonal Antibody | anti-GGCX antibody

GGCX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328662	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus	Western Blot

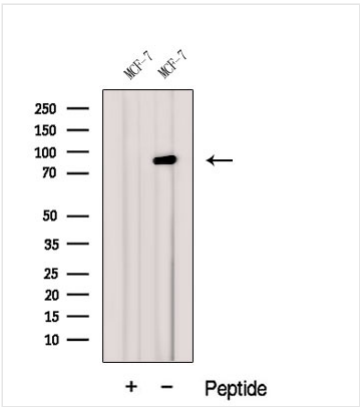
PRODUCT SYNONYMS

GGCX; Polyclonal Antibody; GGCX Antibody; FLJ26629; Gamma glutamyl carboxylase; Gamma-glutamyl carboxylase; GC; Peptidyl glutamate 4 carboxylase; Peptidyl-glutamate 4-carboxylase; Vitamin K dependent gamma carboxylase; Vitamin K gamma glutamyl carboxylase; Vitamin K-dependent gamma-carboxylase; VKCFD 1; VKCFD1; VKGC_HUMAN; anti-GGCX antibody

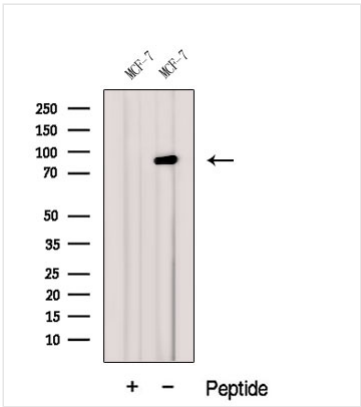
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	GGCX Antibody detects endogenous levels of GGCX.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	758
Applicable Applications for anti-GGCX antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human GGCX.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells, using GGCX Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using GGCX Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GGCX antibody	Description: Mediates the vitamin K-dependent carboxylation of glutamate residues to calcium-binding gamma-carboxyglutamate (Gla) residues with the concomitant conversion of the reduced hydroquinone form of vitamin K to vitamin K epoxide.
	Subunit Structure: Monomer. May interact with CALU (By similarity).
	Similarity: Belongs to the vitamin K-dependent gamma-carboxylase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361163
NCBI GeneID	2677
NCBI Accession #	NP_000812.2
NCBI GenBank Nucleotide #	NP_000812.2
UniProt Accession #	P38435
Molecular Weight	Observed: 88 kDa Predicted: 88 kDa
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.

