

## Product datasheet for **AP51828PU-N**

### GGCX (Center) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 555-585 amino acids from the Central region of Human GGCX
Specificity:	This antibody recognizes Human GGCX (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	gamma-glutamyl carboxylase
Database Link:	<a href="#">Entrez Gene 2677 Human P38435</a>



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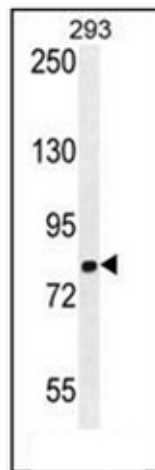
**Background:** This gene encodes an enzyme which catalyzes the posttranslational modification of vitamin K-dependent protein. Many of these vitamin K-dependent proteins are involved in coagulation so the function of the encoded enzyme is essential for hemostasis. Mutations in this gene are associated 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.

**Synonyms:** Gamma-glutamyl carboxylase, GC

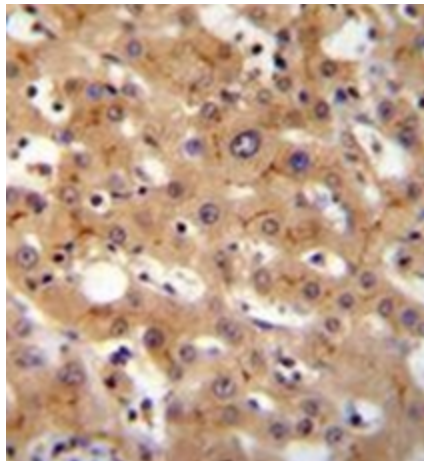
**Note:** **Molecular Weight:** 87561 Da

**Protein Families:** Druggable Genome, Transmembrane

**Product images:**



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



Formalin fixed and paraffin embedded human liver tissue reacted with GGCX Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.