



Anti-GGCX (aa 533-629) polyclonal antibody (DPAB-DC1324)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.[provided by RefSeq, Nov 2008]
Immunogen	GGCX (NP_000812, 533 a.a. ~ 629 a.a) partial recombinant protein with GST tag. The sequence is ADFPGLHLENFVSEDLGNTSIQLLQGEVTVELVAEQKNQTLREGEKMQLPAGEYHKVYTT SPSPSCYMYVYVNTTELALEQDLAYLQELKEKVNGS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GGCX gamma-glutamyl carboxylase [Homo sapiens (human)]
Official Symbol	GGCX
Synonyms	GGCX; gamma-glutamyl carboxylase; VKCFD1; vitamin K-dependent gamma-carboxylase; peptidyl-glutamate 4-carboxylase;
Entrez Gene ID	2677
Protein Refseq	NP_000812
UniProt ID	P38435
Chromosome Location	2p12
Pathway	Gamma-carboxylation of protein precursors; Metabolism of proteins; Post-translational protein modification; Ubiquinone and other terpenoid-quinone biosynthesis
Function	gamma-glutamyl carboxylase activity;
