


Certificate of Analysis

Catalog Number	BP61907
Product Name	Anti-GGCX antibody

Physical and Chemical Properties

Molecular Weight	88 kDa
GenBank	BC013979
Uniprot	P38435
Concentration	200 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - GGCX 75 - 50 - 37 - 25 - 15 - 10 -</p>

Product Information

Description	GGCX (Gamma-glutamyl carboxylase) is also named as GC and belongs to the vitamin K-dependent gamma-carboxylase family. This 94 kDa (including all modifications, such as the five N-linked glycosylations), is a 5-pass transmembrane protein and a key regulator of blood coagulation residues with the concomitant conversion of the reduced hydroquinone form of vitamin K to vitamin K epoxide. Defects in GGCX are a cause of combined deficiency of vitamin K-dependent clotting factors type 1 (VKCFD1) and pseudoxanthoma elasticum-like disorder with multiple coagulation factor deficiency (PXEL-MCFD).
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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