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Datasheet for ABIN5008715 **anti-CPQ antibody (Alexa Fluor 680)**

Overview

Quantity:	100 µL
Target:	CPQ
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPQ antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PGCP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CPQ
Alternative Name:	PGCP (CPQ Products)
Background:	<p>Synonyms: Plasma glutamate carboxypeptidase, CBPQ_HUMAN.</p> <p>Background: PGCP is a 472 amino acid secreted protein that is primarily detected in blood plasma. PGCP is a carboxypeptidase that potentially is involved in the hydrolysis of circulating peptides. Due to its upregulation in hepatocellular carcinoma (HCC), it is suspected that PGCP</p>

Target Details

may be a potential serological marker for HCC. PGCP is a member of the Peptidase M28 family of proteins, which also includes PSM (prostate-specific membrane antigen), metallopeptidases and aminopeptidases. The gene encoding PGCP maps to chromosome 8, which is made up of nearly 146 million bases and encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and are typically associated with a poor prognosis. In humans, PGCP is found principally in blood plasma. It is a Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides.

Gene ID: 10404

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months