

Anti-Human CPN1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03070

3th Edition

Description: Carboxypeptidase N is a plasma metallo-protease that cleaves basic amino acids from the C terminal of peptides and proteins. The enzyme is important in the regulation of peptides like kinins and anaphylatoxins, and has also been known as kininase-1 and anaphylatoxin inactivator. This enzyme is a tetramer comprised of two identical regulatory subunits and two identical catalytic subunits; this gene encodes the catalytic subunit. Mutations in this gene can be associated with angioedema or chronic urticaria resulting from carboxypeptidase N deficiency. CPN1 (Carboxypeptidase N Subunit 1) is a Protein Coding gene. Diseases associated with CPN1 include Carboxypeptidase N Deficiency and Pyelitis. Among its related pathways are Androstenedione and testosterone biosynthesis and metabolism p.1 and Metabolism of proteins. GO annotations related to this gene include metallo-carboxypeptidase activity and carboxypeptidase activity. An important paralog of this gene is CPE.

Antigen: Synthesized peptide derived from the C-terminal region of human CPN cat

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Synthesized in the liver and secreted in plasma.