

CPN1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 52kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CPN1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CPN; SCPN;

Catalog #: A7887

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1369

Isotype: IgG

Swiss Prot: P15169

Purity: Affinity purification

For research use only.

Background:

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.

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