



# Rabbit Anti-Human CPN1 (aa 251-300) Polyclonal Antibody (CABT-Z678R)

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

## PRODUCT INFORMATION

Immunogen	Synthetic peptide located within the following region: FQKLAKVYSYAHGWMFQGWNCGDYFPDGITNGASWYSLSKGMQDFNYLHT
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	IHC, WB
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Preservative	0.09% Sodium azide
Storage	Store at 2-8°C for short term; -20°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

## BACKGROUND

**Introduction**

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.

**Keywords**

CPN1;carboxypeptidase N, polypeptide 1;carboxypeptidase N, polypeptide 1, 50kD;carboxypeptidase N catalytic chain;anaphylatoxin inactivator;arginine carboxypeptidase

## GENE INFORMATION

Gene Name	CPN1
Entrez Gene ID	<a href="#">1369</a>
UniProt ID	<a href="#">P15169</a>