

Rabbit CPN1 Polyclonal Antibody | anti-CPN1 antibody

CPN1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200193	Rabbit	Tested species reactivity: Human Predicted species reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

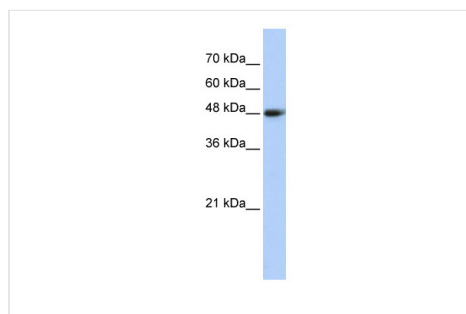
PRODUCT SYNONYMS

CPN1; Polyclonal Antibody; CPN1 antibody - middle region; anti-CPN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested species reactivity: Human Predicted species reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: EW LGNREALIQF LEQVHQGIKG MVLDENYNL ANAVISVSGI NHDVTSGD
Sequence Length	458
Applicable Applications for anti-CPN1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CPN1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CPN1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Transfected 293T

ADDITIONAL INFORMATION

Related Product Information for anti-CPN1 antibody	This is a rabbit polyclonal antibody against CPN1. It was validated on Western Blot using a cell lysate as a positive control. Target 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-CPN1 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503011
NCBI GeneID	1369
NCBI Accession #	NP_001299
NCBI GenBank Nucleotide #	NM_001308
UniProt Accession #	P15169
Molecular Weight	50kDa
NCBI Official Full Name	carboxypeptidase N catalytic chain
NCBI Official Synonym Full Names	carboxypeptidase N subunit 1
NCBI Official Symbol	CPN1
NCBI Official Synonym Symbols	CPN; SCPN
NCBI Protein Information	carboxypeptidase N catalytic chain
UniProt Protein Name	Carboxypeptidase N catalytic chain
UniProt Gene Name	CPN1
UniProt Synonym Gene Names	ACBP; CPN; SCPN
UniProt Entry Name	CBPN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.