Rabbit Carboxypeptidase N1 Polyclonal Antibody | anti-CPN1 antibody

Carboxypeptidase N1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224251	**Rabbit**	**Human, Mouse, Rat**	**Western Blot**

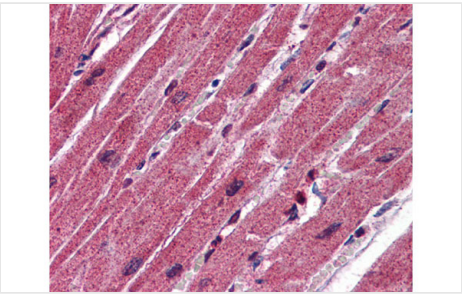
PRODUCT SYNONYMS

Carboxypeptidase N1; Polyclonal Antibody; Carboxypeptidase N1 antibody; Polyclonal Carboxypeptidase N1; Anti-Carboxypeptidase N1; Carboxypeptidase N Polypeptide 1; CPN1; FLJ40792; CPN; Carboxypeptidase N-1; Carboxypeptidase N 1; SCPN; anti-CPN1 antibody

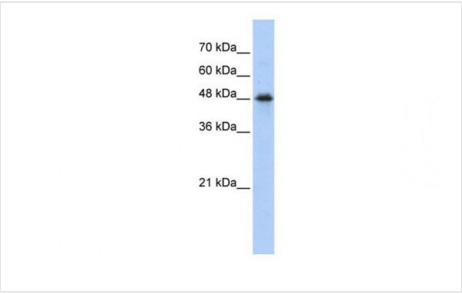
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Carboxypeptidase N1 antibody was raised against the middle region of CPN1
Purity/Purification	Affinity purified
Form/Format	Lyophilized powder. Add 50ul distilled water for a 1mg/ml concentration of CPN1 antibody in PBS
Concentration	1 mg/ml (varies by lot)
Sequence Length	448
Applicable Applications for anti-CPN1 antibody	WB (Western Blot)
Biological Significance	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.
Cross-Reactivity	Human,Mouse,Rat
Immunogen	Carboxypeptidase N1 antibody was raised using the middle region of CPN1 corresponding to a region with amino acids FQKLAKVYSYAHGWMFQGWNCGDYFPDGITNGASWYSLSKGMQDFNYLHT
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Heart



WB (Western Blot)
Recommended CPN1 Antibody Titration: 0.2-1 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CPN1 antibody	Rabbit polyclonal Carboxypeptidase N1 antibody raised against the middle region of CPN1
Product Categories/Family for anti-CPN1 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	733372764
Molecular Weight	50 kDa (MW of target protein)
NCBI Official Full Name	carboxypeptidase N1
UniProt Protein Name	Carboxypeptidase N1
UniProt Gene Name	**CPN1**
UniProt Entry Name	A0A0A7NUP8_OPLFA

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/carboxypeptidase-n1-antibody-western-blot-elisa/224251