

Rabbit anti-Human CPN2 Polyclonal Antibody | anti-CPN2 antibody

CPN2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288235	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

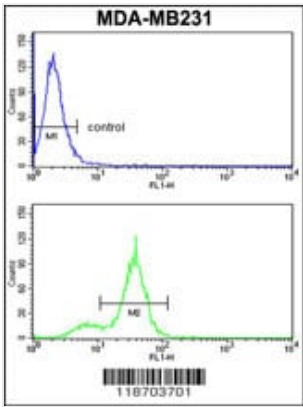
PRODUCT SYNONYMS

CPN2; Polyclonal Antibody; CPN2 Antibody (N-term); Carboxypeptidase N subunit 2; Carboxypeptidase N 83 kDa chain; Carboxypeptidase N large subunit; Carboxypeptidase N polypeptide 2; Carboxypeptidase N regulatory subunit; ACBP; anti-CPN2 antibody

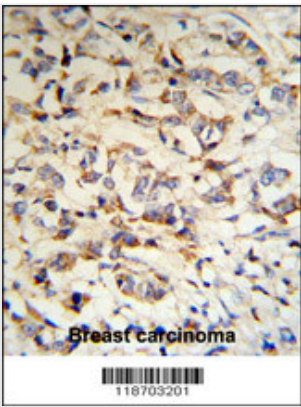
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CPN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 74-103 amino acids from the N-terminal region of human CPN2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	74-103
Sequence Length	545
Applicable Applications for anti-CPN2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

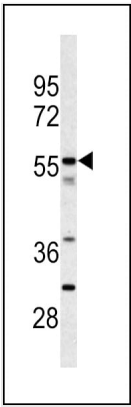
IMAGES



FCM/FACS (Flow Cytometry)
CPN2 Antibody (N-term) flow cytometry analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
CPN2 Antibody (N-term) (RB18703) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CPN2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CPN2 antibody (N-term) in jurkat cell line lysates (35ug/lane). CPN2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CPN2 antibody	CPN2, the 83 kDa subunit binds and stabilizes the catalytic subunit at 37 degrees Celsius and keeps it in circulation. Under some circumstances it may be an allosteric modifier of the catalytic subunit.
Product Categories/Family for anti-CPN2 antibody	Cardiovascular; Cell biology; Signal transduction
References	Liu,T., Qian,W.J. J. Proteome Res. 4 (6), 2070-2080 (2005) Riley,D.A., Tan,F. Genomics 50 (1), 105-108 (1998) Skidgel,R.A. Biochem. Biophys. Res. Commun. 154 (3), 1323-1329 (1988)

NCBI AND UNIPROT INFORMATION

NCBI GI #	256217721
NCBI GeneID	1370
NCBI Accession #	NP_001073982.2
NCBI GenBank Nucleotide #	NM_001080513.2
UniProt Accession #	P22792; Q86SU4; Q8N5V4; B2RPE7
Molecular Weight	60557

NCBI Official Full Name	carboxypeptidase N subunit 2
NCBI Official Synonym Full Names	carboxypeptidase N, polypeptide 2
NCBI Official Symbol	CPN2
NCBI Official Synonym Symbols	ACBP
NCBI Protein Information	carboxypeptidase N subunit 2
UniProt Protein Name	Carboxypeptidase N subunit 2
UniProt Gene Name	CPN2
UniProt Synonym Gene Names	ACBP
UniProt Entry Name	CPN2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpn2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288235>