

CPN2 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7348a**Specification**

CPN2 Antibody (N-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	P22792
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60557
Antigen Region	74-103

CPN2 Antibody (N-term) - Additional Information**Gene ID** 1370**Other Names**

Carboxypeptidase N subunit 2, Carboxypeptidase N 83 kDa chain, Carboxypeptidase N large subunit, Carboxypeptidase N polypeptide 2, Carboxypeptidase N regulatory subunit, CPN2, ACBP

Target/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.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CPN2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CPN2 Antibody (N-term) - Protein Information**Name** CPN2

Synonyms ACBP

Function 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.

Cellular Location

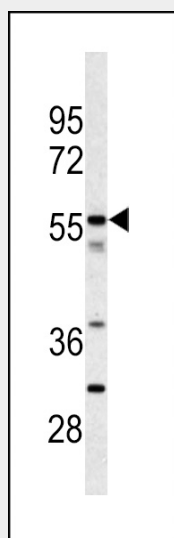
Secreted.

CPN2 Antibody (N-term) - Protocols

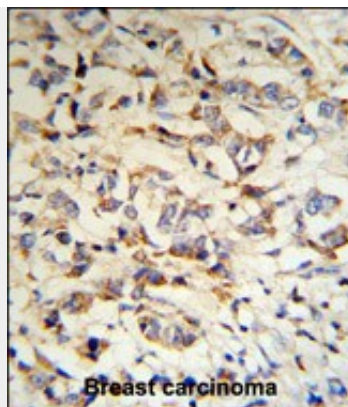
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

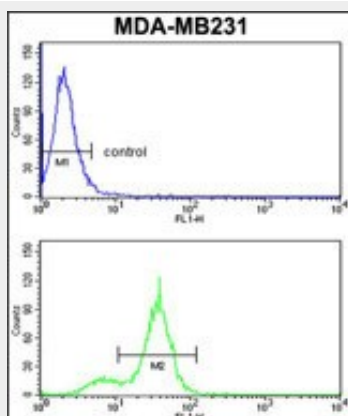
CPN2 Antibody (N-term) - Images



Western blot analysis of CPN2 antibody (N-term) (Cat.#AP7348a) in jurkat cell line lysates (35ug/lane). CPN2 (arrow) was detected using the purified Pab.



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.



CPN2 Antibody (N-term) (Cat.#AP7348a) 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.

CPN2 Antibody (N-term) - Background

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.

CPN2 Antibody (N-term) - 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)