

Anti-Carboxypeptidase N 2 Antibody

Catalog # AP51742

Product Information

Application	WB, IHC
Primary Accession	P22792
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60557

Additional Information

Gene ID	1370
Other Names	ACBP; Carboxypeptidase N subunit 2; Carboxypeptidase N 83 kDa chain; Carboxypeptidase N large subunit; Carboxypeptidase N polypeptide 2; Carboxypeptidase N regulatory subunit
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Carboxypeptidase N 2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

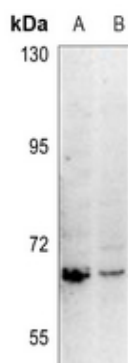
Name	CPN2
Synonyms	ACBP
Function	The 83 kDa subunit binds and stabilizes the catalytic subunit at 37 degrees Celsius and keeps it in circulation. Under some circumstances it may be an allosteric modifier of the catalytic subunit.
Cellular Location	Secreted.

References

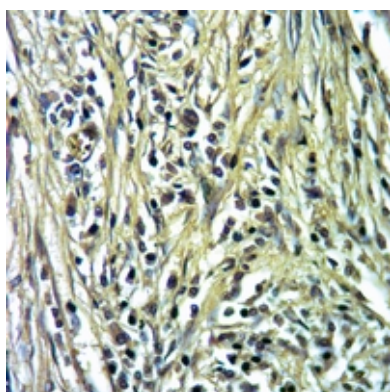
Tan F.,et al.J. Biol. Chem. 265:13-19(1990).

Skidgel R.A.,et al.Submitted (AUG-2004) to the EMBL/GenBank/DDBJ databases.
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Skidgel R.A.,et al.Biochem. Biophys. Res. Commun. 154:1323-1329(1988).
Bunkenborg J.,et al.Proteomics 4:454-465(2004).

Images



Western blot analysis of Carboxypeptidase N 2 expression in HepG2 (A), LO2 (B) whole cell lysates. (Predicted band size: 60 kD; Observed band size: 60 kD)



Immunohistochemical analysis of Carboxypeptidase N 2 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.