

Product Datasheet

Cbl-c Antibody **NBP1-78063**

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-78063

Cbl-c Antibody

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity purified antibody is directed against human Cbl-c protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	23624
Gene Symbol	CBLC
Species	Human
Reactivity Notes	A BLAST analysis was used to suggest that this antibody would react with Cbl-c from human and chimpanzee sources. Expect partial reactivity against mouse and rat sources of Cbl-c as ~83% sequence homology is on record for the immunogen sequence. Reactivity with Cbl-c from other sources has not been determined. No reactivity is expected with Cbl-a or Cbl-b.
Specificity/Sensitivity	This affinity purified antibody is directed against human Cbl-c protein. A BLAST analysis was used to suggest that this antibody would react with Cbl-c from human and chimpanzee sources. Expect partial reactivity against mouse and rat sources of Cbl-c as ~83% sequence homology is on record for the immunogen sequence. Reactivity with Cbl-c from other sources has not been determined. No reactivity is expected with Cbl-a or Cbl-b.
Immunogen	This affinity-purified Cbl-c Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the C-Terminal portion of Human Cbl-c. (Uniprot: Q9ULV8)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA 1:10000-1:50000, Immunohistochemistry 1:500-1:3000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500

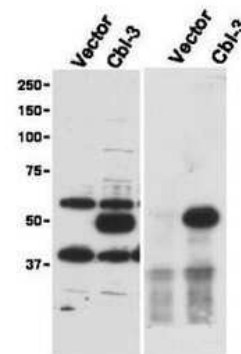


Application Notes

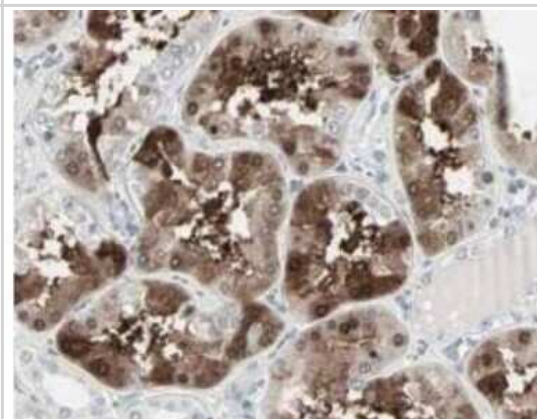
This affinity purified antibody has been tested for use in ELISA, immunohistochemistry, immunoprecipitation and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at ~52 kDa in size corresponding to Cbl-c by western blotting in the appropriate cell lysate or extract.

Images

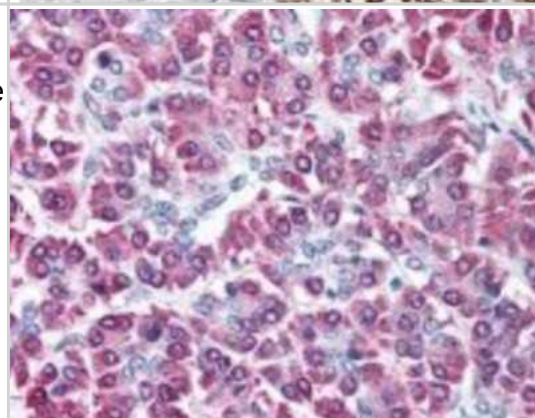
Western Blot: Cbl-c Antibody [NBP1-78063] - dominant band at ~52 kDa corresponding to Cbl-c (arrowhead) in transfected cell lysates (left panel). Lysates are from Hek 293T cells transfected with empty vector or with Cbl-c. The predicted size of Cbl-c is 52 kDa. Size markers in kDa are shown to the left of the panel. The right panel shows western blotting after first immunoprecipitating with Rabbit anti-Cbl-c followed by western blotting using a Goat anti-Cbl-c antibody.



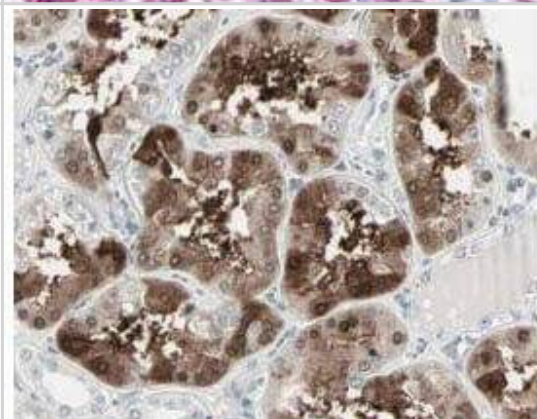
Immunohistochemistry: Cbl-c Antibody [NBP1-78063] - Staining of cells in tubuli in human kidney tissue. Tissue was formalin-fixed and paraffin embedded. Brown color indicates presence of protein, blue color shows cell nuclei.



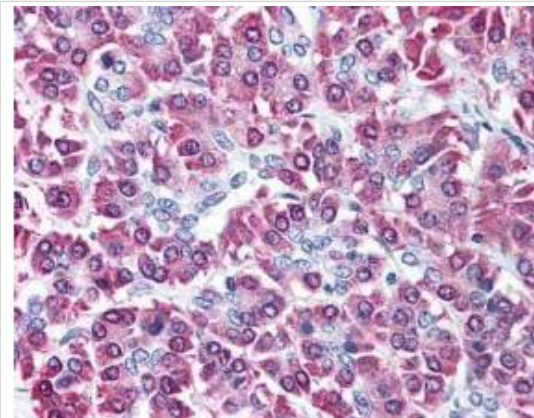
Immunohistochemistry-Paraffin: Cbl-c Antibody [NBP1-78063] - 5 ug/ml to detect signal in a variety of tissues including multi-human, multi-brain and multi-cancer slides. This image shows moderate intracellular positive staining of human pancreatic acinar epithelium at 40X. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.



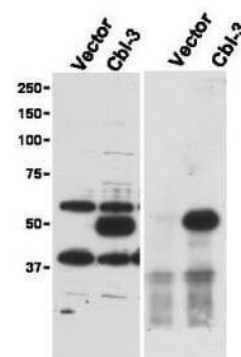
Affinity Purified antibody shows strong nuclear and cytoplasmic staining of cells in tubuli in human kidney tissue. Tissue was formalin-fixed and paraffin embedded. Brown color indicates presence of protein, blue color shows cell nuclei. Personal Communication, Kenneth Wester, www.proteinatlas.org, Uppsala, Sweden.



affinity purified antibody was used at 5 ug/ml to detect signal in a variety of tissues including multi-human, multi-brain and multi-cancer slides. This image shows moderate intracellular positive staining of human pancreatic acinar epithelium at 40X. Tissue was formalin-fixed and paraffin embedded. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain. Personal Communication, Tina Roush, LifeSpanBiosciences, Seattle, WA.



Immunoprecipitation (right) and western blot (left) using Affinity Purified antibody shows detection of a predominant band at ~52 kDa corresponding to Cbl-c. Lysates used are from HEK293T cells transfected with empty vector or with Cbl-c and western blotting (left panel). The predicted size of Cbl-c is 52 kDa. Size markers in kDa are shown to the left of the panel. The (right panel) shows immunoprecipitation with Rabbit aollowed by western blotting using a Goat antibody. Personal Communication. Stan Lipkowitz, NCI, NIH, Bethesda, MD.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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