

# Product Datasheet

## CPN1 Antibody NBP3-32212

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32212**

## CPN1 Antibody

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	1*TBS (pH7.4), 0.2% BSA and 50% Glycerol
Target Molecular Weight	52 kDa
Product Description	
Description	Novus Biologicals Rabbit CPN1 Antibody (NBP3-32212) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1369
Gene Symbol	CPN1
Species	Human, Mouse
Immunogen	Recombinant protein within human CPN1 aa 1-200 / 458. (Uniprot: P15169)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:200

## Images

Western Blot: CPN1 Antibody [NBP3-32212] - Western blot analysis of CPN1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% NFD/DM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32212, 1/500) was used in 5% NFD/DM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

Positive control:

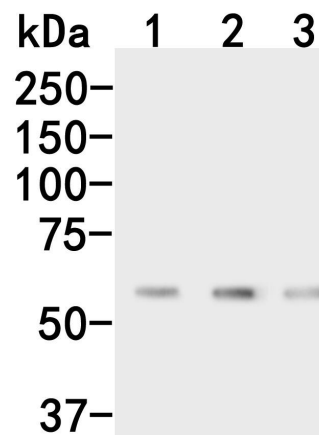
Lane 1: Hela cell lysate

Lane 2: Raji cell lysate

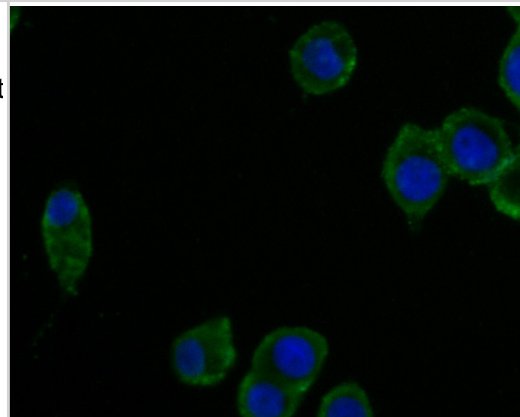
Lane 3: Mouse pancreas tissue lysate

Predicted band size: 52 kDa

Observed band size: 55 kDa



Immunocytochemistry/ Immunofluorescence: CPN1 Antibody [NBP3-32212] - ICC staining of CPN1 in LOVO cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (NBP3-32212, 1/100) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).





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### **Products Related to NBP3-32212**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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