

# Product Datasheet

## Papain Antibody [Biotin] NB120-20595-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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**NB120-20595-0.1mg**

Papain Antibody [Biotin]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

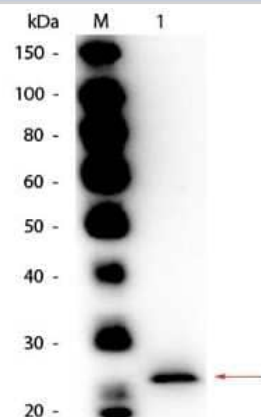
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Papain [Carica papaya]</p>
Host	Goat
Species	Plant
Reactivity Notes	Cross reactivity against Papain from other sources may occur but has not been specifically determined
Immunogen	Papain Antibody was produced by repeated immunizations with pork Papain protein isolated from papaya. (Uniprot: P00784)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:2000-1:20000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This product has been tested by ELISA and western blot. Expect band at 38.9 kDa in appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.



## Images

Western Blot: Papain Antibody [Biotin] [NB120-20595] - Lane 1: Papain. Load: 50 ng per lane. Primary antibody: Goat anti-Papain Antibody Biotin Conjugated at 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin secondary antibody at 1:40,000 for 30 minutes at RT. Block: incubated with blocking buffer for 30 minutes at RT. Predicted/Observed size: 23 kDa, 23 kDa for Papain.





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### **Products Related to NB120-20595-0.1mg**

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NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]

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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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