

# Product Datasheet

## Pepsin Antibody [Biotin] NB600-614-0.1mg

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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**NB600-614-0.1mg**

Pepsin 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

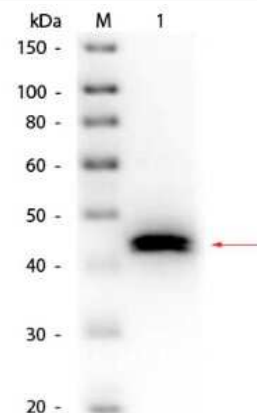
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 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 Pepsin [Porcine Stomach]</p>
Host	Goat
Species	Porcine
Reactivity Notes	Cross reactivity against Pepsin from other tissues and species may occur but have not been specifically determined
Immunogen	Pepsin Antibody was produced by repeated immunizations with pork Pepsin protein isolated from swine stomach. (Uniprot: P00791)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:1000-1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This product has been tested by ELISA and western. This product is suitable for Immunohistochemistry. Expect band at 41.2 kDa in appropriate cell lysate or extract. Specific conditions for reactivity should be optimized by the end user.

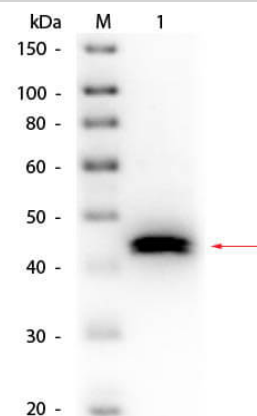


## Images

Western Blot: Pepsin Antibody [Biotin] [NB600-614] - Lane 1: Pepsin. Load: 50 ng per lane. Primary antibody: Goat anti-Pepsin Antibody Biotin Conjugated 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 41 kDa, 41 kDa for Pepsin.



Western Blot of Goat anti-Pepsin Antibody Biotin Conjugated. Lane 1: Pepsin. Load: 50 ng per lane. Primary antibody: Goat anti-Pepsin Antibody [Biotin]1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin





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### **Products Related to NB600-614-0.1mg**

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NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]
NBP2-82494	Rat Pepsin ELISA Kit (Colorimetric)

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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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