

Product Datasheet

Pepsin Antibody [HRP] NB120-20732-0.1mg

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB120-20732

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB120-20732



NB120-20732-0.1mg

Pepsin Antibody [HRP]

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% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
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

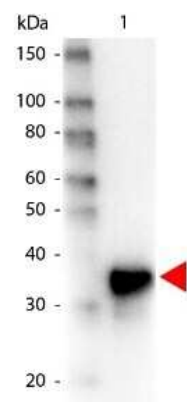
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Pepsin 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-Peroxidase, 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 1:500-1:2500, ELISA 1:2000-1:10000, Immunohistochemistry 1:250-1:1250, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	<p>This product has been tested by ELISA, dot blot, and western blot and is useful in immunohistochemistry. Optimal titers should be obtained by researchers if not provided.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>

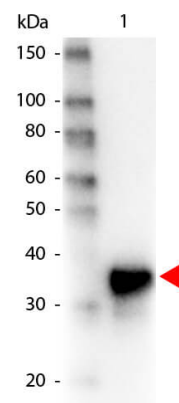


Images

Western Blot: Pepsin Antibody [HRP] [NB120-20732] - Lane 1: Pepsin. Lane 2: none. Load: 100 ug per lane. Primary antibody: none. Secondary antibody: Peroxidase goat pepsin antibody at 1:1,000 for 60 min at RT Block for 30 min at RT. Predicted/Observed size: 35 kDa for Pepsin.



Western Blot of Peroxidase conjugated Goat anti-Pepsin antibody. Lane 1: Pepsin. Lane 2: none. Load: 100 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase goat pepsin antibody at 1:1,000 for 60 min at RT Block for 30 min at RT. Predicted/Observed size: 35 kDa for Pepsin. Other band(s): none.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB120-20732-0.1mg

NBP1-96886	Goat IgG Isotype Control [HRP]
NBP2-82494	Rat Pepsin ELISA Kit (Colorimetric)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB120-20732

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

