

Product Datasheet

Pepsin Antibody - BSA Free NBP2-44230

Unit Size: 0.1 mg

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

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NBP2-44230

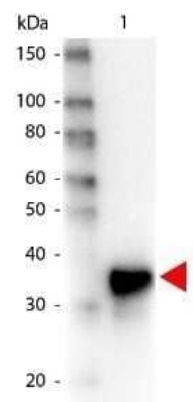
Pepsin Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. 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
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<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-Goat Serum as well as purified and partially purified Pepsin [Porcine Stomach]</p> <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>
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, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000-1:20000, ELISA 1:50:000-1:200000, Immunohistochemistry 1:2000-1:10000, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin
Application Notes	This product has been tested in ELISA, western blot and immunohistochemistry. This product detects a single band of the expected apparent molecular weight and for ELISA. Researchers should determine optimal titers for applications that are not stated below.

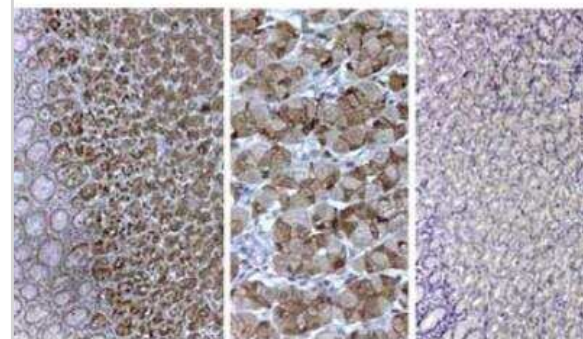


Images

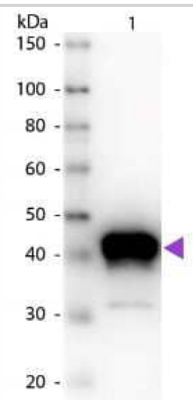
Western Blot: Pepsin Antibody [NBP2-44230] - Lane 1: Pepsin. Lane 2: none. Load: 100 ug per lane. Primary antibody: none. Secondary antibody: Peroxidase goat pepsin antibody at 1:1,000 for 60 min at RT Block for 30 min at RT. Predicted/Observed size: 35 kDa for Pepsin. Image using the HRP form of this antibody.



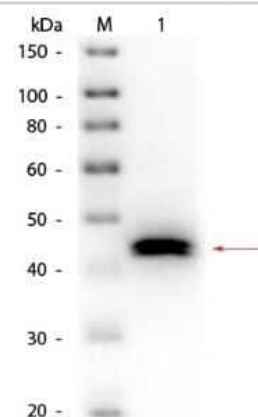
Immunohistochemistry-Paraffin: Pepsin Antibody [NBP2-44230] - Staining: Gastric mucosa (containing fundic gland with zymogenic cells) homogeneous positivity in the secretory granules of glandular chief cells and in secretory granules of neck cells (Shown Left and Center) negative control with normal rabbit IgG (Shown right).



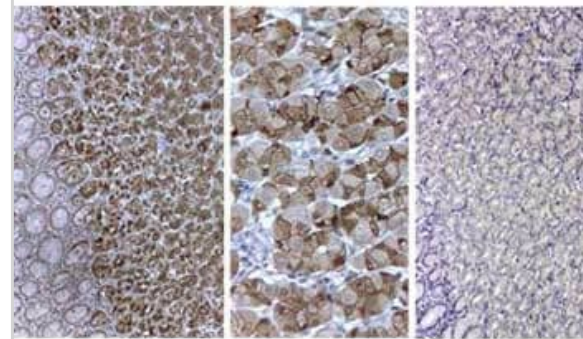
Western Blot: Pepsin Antibody [NBP2-44230] - lane 1: Pepsin. Lane 2: None. Load: 50 ng per lane.



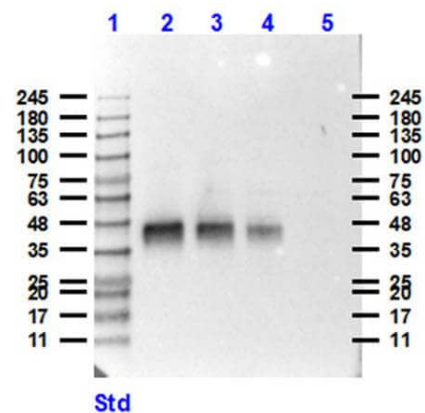
Western Blot: Pepsin Antibody [NBP2-44230] - Western Blot: Pepsin Antibody [Biotin] [NB600-614] - Lane 1: Pepsin. Load: 50 ng per lane. Primary antibody: Goat anti-Pepsin Antibody Biotin Conjugated 1:1,000 overnight at 4C. Secondary antibody: HRP Streptavidin at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT. Predicted/Observed size: 41 kDa, 41 kDa for Pepsin. Image using the Biotin form of this antibody.



Immunohistochemistry of Pepsin Antibody at 1:100.



Western Blot of Pepsin Antibody. Lane 1: Opal Prestained Molecular Weight Ladder





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Products Related to NBP2-44230

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
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

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