

# 4-HNE Antibody

Rabbit Polyclonal

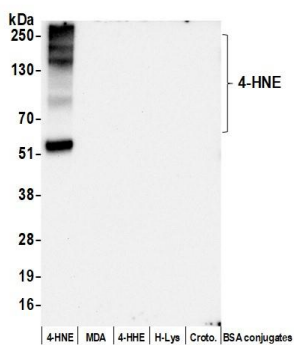
Antigen Affinity Purified

Catalog No. A150-121A-1MG

Lot No. 240620

<b>APPLICATIONS</b>	WB, ELISA				
<b>AMOUNT</b>	1 mg				
<b>CONCENTRATION</b>	1 mg/ml				
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt				
<b>PHYSICAL STATE</b>	Liquid				
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide				
<b>ISOTYPE</b>	IgG				
<b>ORIGIN</b>	USA				
<b>PRODUCTION PROCEDURES</b>	<p>The antibody was isolated by affinity chromatography using antigen coupled to agarose beads. Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.</p> <p>By ELISA this antibody reacts specifically with 4-HNE modified proteins. There is no reaction with free Concholepas concholepas hemocyanin (CCH) or free BSA.</p>				
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1000 – 1:8000</td></tr><tr><td>ELISA</td><td>1:1000 – 1:30,000</td></tr></table>	Western Blot	1:1000 – 1:8000	ELISA	1:1000 – 1:30,000
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ELISA	1:1000 – 1:30,000				
<b>APPLICATION NOTES</b>	Not all listed applications have been specifically tested by our laboratory.				
<b>ADDITIONAL INFO</b>	<p><a href="https://www.fortislife.com/p/A150-121A-1MG">https://www.fortislife.com/p/A150-121A-1MG</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: January 9, 2025



**Detection of 4-HNE by western blot.** *Samples:* 1  $\mu$ g BSA conjugated to 4-HNE, Malondialdehyde (MDA), 4-Hydroxy-2-hexenal (4-HHE), Hexanoyl Lysine (H-Lys), and Crotonaldehyde (Croto). *Antibody:* Goat anti-4-HNE antibody (A150-121A-1MG) used at 1:1000. *Secondary:* HRP-conjugated donkey anti-goat IgG (A50-101P). *Detection:* Chemiluminescence with an exposure time of 30 seconds.