4-HNE Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A150-121A-1MG

Lot No. 260810

APPLICATIONS	WB, ELISA
AMOUNT	1 mg
CONCENTRATION	1 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	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. By ELISA this antibody reacts specifically with 4-HNE modified proteins. There is no reaction with free Concholepas concholepas hemocyanin (CCH) or free BSA.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

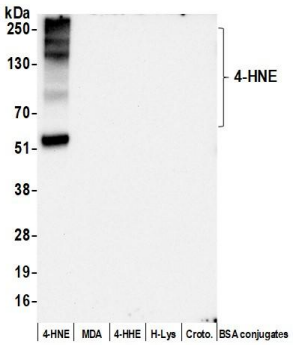
Western Blot	1:1000 - 1:8000
ELISA	1:1000 - 1:30,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Date: August 13, 2026

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Detection of 4-HNE by western blot. *Samples:* 1µg 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.

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