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Datasheet for ABIN880510  
**anti-HNE antibody (Biotin)**

### Overview

Quantity:	100 µL
Target:	HNE
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNE antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	4 Hydroxynonenal conjugated to BSA
Isotype:	IgG
Cross-Reactivity:	Monkey, Mouse, Rat
Cross-Reactivity (Details):	4-Hydroxynonenal
Purification:	Purified by Protein A.

### Target Details

Target:	HNE
Alternative Name:	4 Hydroxynonenal ( <a href="#">HNE Products</a> )
Target Type:	Chemical

## Target Details

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Background:	Synonyms: 4-Hydroxy-2-Nonenal, 4Hydroxynonenal, 4-Hydroxynonenal, 4 HNE, 4HNE, 4-HNE, E-4-Hydroxynonenal-dimethylacetal, 4-HNE-DMA. Background: Aldehydic products of lipid peroxidation, such as 4 hydroxynonenal (4 HNE), have been implicated in the etiology of pathological changes under oxidative stress as a key mediator of oxidative stress induced cell death. It is a stable product of lipid peroxidation, is proarrhythmic and may contribute to the cytotoxic effects of oxidative stress 4-HNE has been hypothesized to play a key role in cell signal transduction, in a variety of pathways from cell cycle events to cellular adhesion.
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## Application Details

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Application Notes:	IHC-P 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months