



[Go to Product page](#)

Datasheet for ABIN880519
anti-HNE antibody (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	HNE
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HNE antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (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 (HNE Products)
Target Type:	Chemical
Background:	Synonyms: 4-Hydroxy-2-Nonenal, 4Hydroxynonenal, 4-Hydroxynonenal, 4 HNE, 4HNE, 4-HNE, E-

Target Details

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.

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months