



## Anti-HNE polyclonal antibody (DPAB-DC4416)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Specificity</b>	This antibody specifically binds to HNE modified proteins.
<b>Immunogen</b>	Hydroxynonenal conjugated with KLH.
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 75 mM PBS, 75 mM NaCl, 0.5 mM EDTA, pH 7.2 (0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	4-Hydroxynonenal, or 4-hydroxy-2-nonenal or 4-HNE or HNE, (C9H16O2), is an $\alpha,\beta$ -unsaturated hydroxyalkenal that is produced by lipid peroxidation in cells. 4-HNE is the primary alpha,beta-unsaturated hydroxyalkenal formed in this process. 4-HNE has 3 react
<b>Keywords</b>	HNE; Hydroxynonenal (HNE)