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AP00663SU-N Polyclonal Antibody to 4-Hydroxy-2-Nonenal / HNE - Serum

Alternate names:	4-HNE, 4-Hydroxynonenal, Hydroxynonenal
Quantity:	1 ml
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.
Host:	Goat
Format:	State: Liquid serum containing 0.09% Sodium azide Purification: Serum
Applications:	ELISA using immunizing peptide: >1:10,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to 4-Hydroxynonenal. Reactive with 4-HNE conjugated BSA. Has minimal cross reactivity with other aldehyde-BSA conjugates.
Add. Information:	Centrifuge before opening to ensure complete recovery of vial contents.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Boon, P.J.M., et al., (1999), Tox. Appl. Pharmacol., 159, 214-223.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.