

## Polyclonal Antibody to Neuroketal - Serum

<b>Alternate names:</b>	Gamma ketoaldehyde
<b>Catalog No.:</b>	AP00763PU-N
<b>Quantity:</b>	1 ml
<b>Background:</b>	The pathogenesis of many neurodegenerative diseases can be attributed to oxidative stress and protein aggregation. Patients of Alzheimer's disease show increased brain levels of neuroprostanes, compounds derived from the oxidation of docosahexaenoic acid. The Neuroketals, in such oxidative environments, are products of the neuroprostane pathway and are a species of highly reactive gamma-ketoaldehydes that rapidly adduct to lysine residues of proteins, causing cross-linking.
<b>Host:</b>	Goat
<b>Immunogen:</b>	Neuroketal conjugate
<b>Format:</b>	<b>State:</b> Liquid serum containing 0,09% sodium azide
<b>Applications:</b>	ELISA using immunizing peptide: 1:4,000. IHC using paraffin sections: 1:200. Western blots: 1:2,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to Neuroketal adducted proteins.
<b>Storage:</b>	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.