

## Rabbit Anti-4 Hydroxynonenal/Biotin Conjugated antibody

SL6313R-Bio

<b>Product Name</b>	Anti-4 Hydroxynonenal/Biotin
<b>Chinese Name</b>	生物素标记的 4 羟基壬烯酸抗体
<b>Alias</b>	4-Hydroxy-2-Nonenal; 4Hydroxynonenal; 4-Hydroxynonenal; 4 HNE; 4HNE; 4-HNE; (E)-4-Hydroxynonenal-dimethylacetal, 4-HNE-DMA.
<b>Product Type</b>	Small molecule anti
<b>Research Area</b>	Cell biology immunology Signal transduction Apoptosis Drugs and Compounds
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Species independent
<b>Applications</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	0.20229kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated to 4 Hydroxynonenal
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> Reactive oxygen and nitrogen species (ROS/RNS) have taken center stage in the field of signal transduction. The enzymes responsible for the production of ROS and RNS have been unraveled and the participation of these species in



numerous signaling pathways has been documented. The next step is to identify the targets of ROS and RNS and the mechanisms by which they alter their activity in the affected signaling pathway. This book provides relevant chemistry that can be applied across signaling systems and summarizes the current state of knowledge in the area of redox signaling. ROS and RNS have been implicated in inflammation, aging and cancer.

**Subcellular Location:**

Cytoplasmic

**Database links:**

CAS Number: [18286-49-2](#)

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.