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Rabbit Anti-ox-LDL antibody

SL8574R

Product Name:	ox-LDL
Chinese Name:	氧化低密度Lipoprotein抗体
Alias:	ox-LDL; LDL (Copper oxidized); Cu2SO4 oxidized low density lipoprotein; oxidized low density lipoprotein; Low density lipoprotein; MDA oxidized LDL; MDA oxidized low density lipoprotein.
文献引用 PubMed :	**Specific References(2)**|SL8574R has been referenced in 2 publications. **[IF=1.58]**Liu, Liang, et al. "Quercetin Alleviates High-Fat Diet-Induced Oxidized Low-Density Lipoprotein Accumulation in the Liver: Implication for Autophagy Regulation." BioMed Research International 2015 (2015).**IHC-P;Mouse**. PubMed:26697490 **[IF=3.23]**Jehle J, Hoyer FF, Sch?ne B, Pfeifer P, Schild K, Jenniches I, et al. (2016) Myeloid-Specific Deletion of Diacylglycerol Lipase α Inhibits Atherogenesis in ApoE-Deficient Mice. PLoS ONE 11(1): e0146267.**IHC-F;Mouse**. PubMed:26731274
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	31kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	Mouse Cu2+ oxidised low density lipoprotein:
Lsotype:	IgG

Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Low-density lipoprotein (LDL) is the carrier protein for cholesterol in the blood. LDL binds to its receptor on the capillary walls and thereby mediates the uptake and clearence of cholesterol from the circulation. In atherosclerotic lesions oxidatively modified LDL is found and oxidized LDL is specifically recognized and ingested by macrophages via scavenger receptor A and CD36. Oxidized LDL may be a marker of atherosclerosis but the precise changes in oxidized LDL are not well described. Low-density lipoprotein oxidised with Cu2SO4. **Subcellular Location:** Secreted. **SWISS:** N/A **Gene ID:** N/A **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 氧化低密度Lipoprotein是低密度Lipoprotein(low density lipoprotein,LDL)经氧化修饰后形成的,经研究认为:OXLDL的增高与动脉粥样硬化性Cardiovascular病(Arteriosclerosis cardiovascular disease,ASCVD)的发生有密切关系。