

ox-LDL Rabbit pAb

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Catalog # AP94170

Product Information

Application	IHC-P, IHC-F, IF, ICC
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31 KDa
Physical State	Liquid
Immunogen	Mouse Cu ²⁺ oxidised low density lipoprotein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 clearance 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 Cu ₂ SO ₄ .

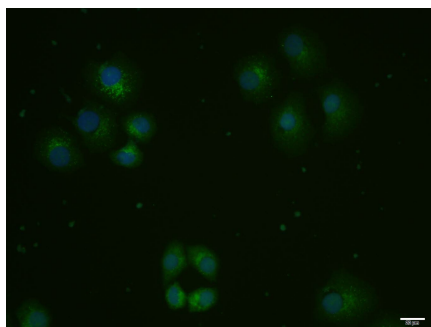
Additional Information

Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

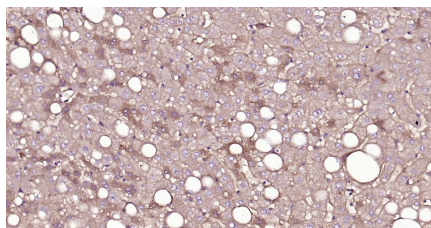
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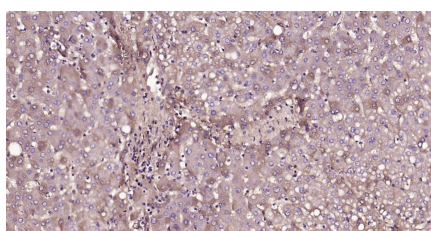
Images



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (ox-LDL) polyclonal Antibody, Unconjugated (AP94170) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ox-LDL Polyclonal Antibody, Unconjugated (AP94170) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ox-LDL Polyclonal Antibody, Unconjugated (AP94170) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.