

Product datasheet for **AP02084SU-N**

Low Density Lipoprotein / LDL Cu²⁺ oxidized Rabbit Polyclonal Antibody

Product data:

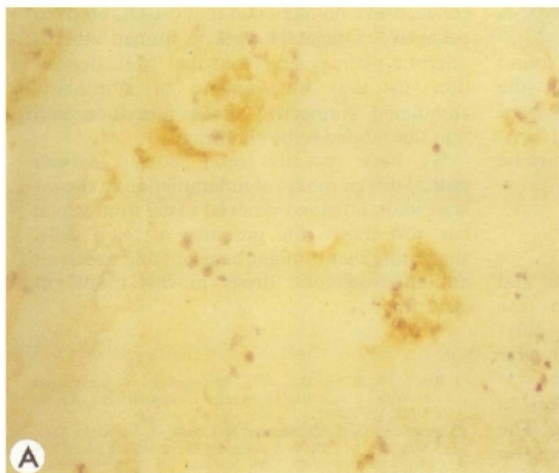
Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA and related methods: 1/500-1/5,000 (Ref.1). Immunohistochemistry on Cryosections: 1/400 (Ref.1-4, 6). Immunohistochemistry on Paraffin Sections: < 1/500. See <i>References</i> for more details.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Human Cu ²⁺ -oxidized LDL
Specificity:	Detects Human and Murine Cu ²⁺ -oxidized LDL. The antiserum shows strong reactivity to fully oxidized modifications of LDL including Cu ²⁺ -oxidized LDL, MDA-LDL, HOCL-LDL, but not to other oxidized proteins like MDA-HSA, MDA-HDL, HOCL-HSA, HOCL-HDL (below detection limit). The reaction to native LDL was weak, but clearly detectable (approx. 20%). Minimally oxidized LDL gave a strong binding signal (> 80%).
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	LDL (low-density lipoprotein) is a type of lipoprotein that transports cholesterol and triglycerides from the liver to peripheral tissues. LDL enables fats and cholesterol to move within the water based solution of the blood stream. LDL also regulates cholesterol synthesis at these sites.



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Synonyms: Low-density lipoprotein

Product images:



Immunohistochemistry of Oxidized LDL Cat.-No AP02084SU staining in Paraffin section of Human knee joint synovial membrane. The section was incubated with AP02084SU (1/500) and detected using avidin-biotin-horseradish peroxidase technique. Light counterstai