Nur für Forschungszwecke

Apolipoprotein AI Polyklonaler Antikörper

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Antibodies | ELISA kits | Proteins
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Katalog-Nr.:14427-1-AP 28 Publikationen

Allgemeine Informationen

Katalog-Nr.:
14427-1-AP

Größe:
150ul , Konzentration: 700 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5793

GenBank-Zugangsnummer:
BC005380

GeneID (NCBI):
335

Vollständiger Name:
apolipoprotein A-I

Berechneté Masse:
31 kDa

Beobachteté Masse:
26-30 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:500-1:2000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:50-1:500
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : humanes Blutgewebe, humanes Hirngewebe, humanes Ileumgewebe, Mauslungengewebe, PC-13-Zellen

IP : Mauslungengewebe,

IHC : humanes Leberkarzinomgewebe, humanes Lebergewebe, humanes Lungengewebe

IF : HepG2-Zellen, Mauslebergewebe

Hintergrundinformationen

ApoA1 is a major protein component of high density lipoproteins (HDL) which is associated with reversed cholesterol transport, lipid/cholesterol binding, lecithin/cholesterol acyltransferase (LCAT) activation and specific receptors binding. It is synthesized in the liver and small intestine. Defects of ApoA1 cause low HDL level and systemic non-neuropathic amyloidosis. Serum concentration of ApoA1 is inversely related to the risk of developing atherosclerosis. This antibody was generated against the C-terminal region of human ApoA1.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiaqi Li	29285103	Exp Ther Med	WB
Te Bu	34815799	Theranostics	WB
Rui Xiang Chen	36203339	Liver Int	WB,IHC,IF

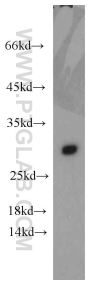
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

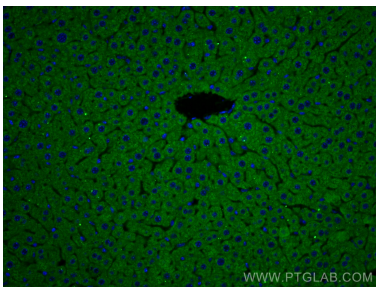
*** 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

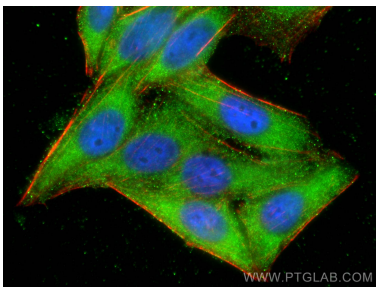
Ausgewählte Validierungsdaten



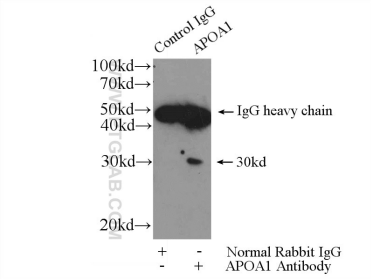
human blood were subjected to SDS PAGE followed by western blot with 14427-1-AP (Apolipoprotein AI antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



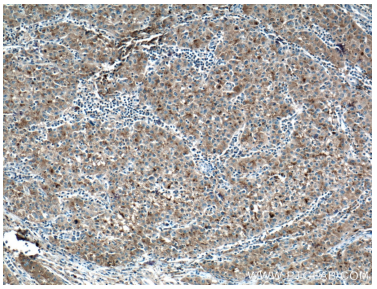
Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using Apolipoprotein AI antibody (14427-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



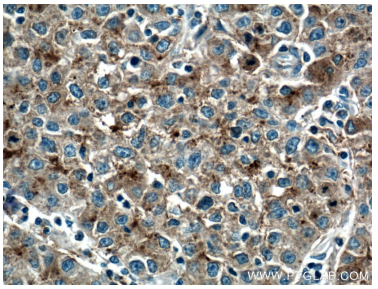
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Apolipoprotein AI antibody (14427-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



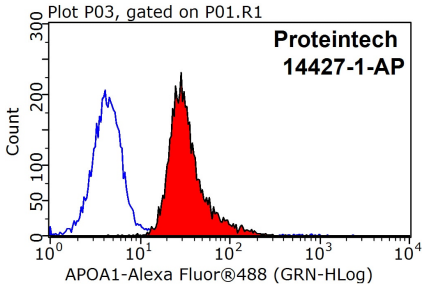
IP Result of anti-Apolipoprotein AI (IP:14427-1-AP, 4ug; Detection:14427-1-AP 1:500) with mouse lung tissue lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14427-1-AP (Apolipoprotein AI antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14427-1-AP (Apolipoprotein AI antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10^6 HepG2 cells were stained with 0.2ug Apolipoprotein AI antibody (14427-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.