

Product Datasheet

Apolipoprotein A-I/ApoA1 Antibody NBP2-15429

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 5

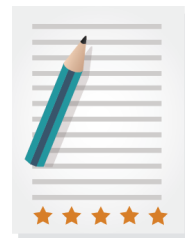
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NBP2-15429**Apolipoprotein A-I/ApoA1 Antibody**

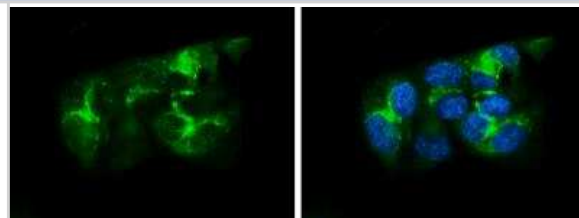
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	31 kDa

Product Description	
Host	Rabbit
Gene ID	335
Gene Symbol	APOA1
Species	Human, Mouse, Rat, Golden Syrian Hamster
Reactivity Notes	Pig (80%). Use in Golden Syrian Hamster reported in scientific literature (PMID:36110841).
Immunogen	Full length human Apolipoprotein A-I/ApoA1 Recombinant protein.

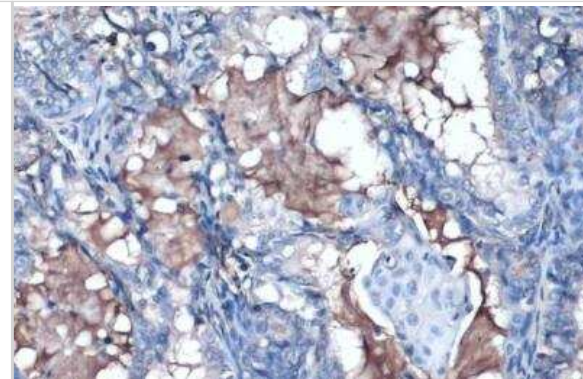
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:20000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

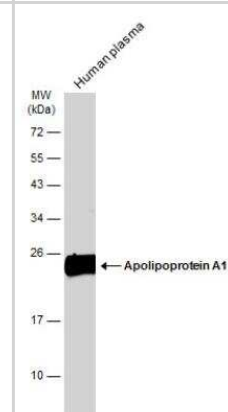
Immunocytochemistry/Immunofluorescence: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Apolipoprotein A1 stained by Apolipoprotein A1 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



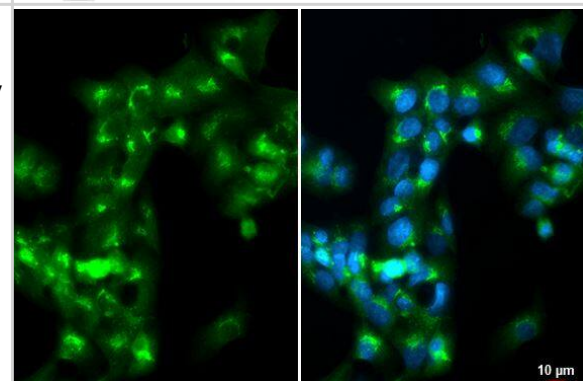
Immunohistochemistry-Paraffin: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - Human ovarian cancer. Apolipoprotein A1 stained by Apolipoprotein A1 antibody diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



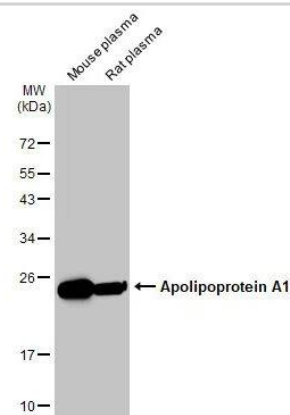
Western Blot: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - Human plasma (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with Apolipoprotein A1 antibody diluted at 1:10000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



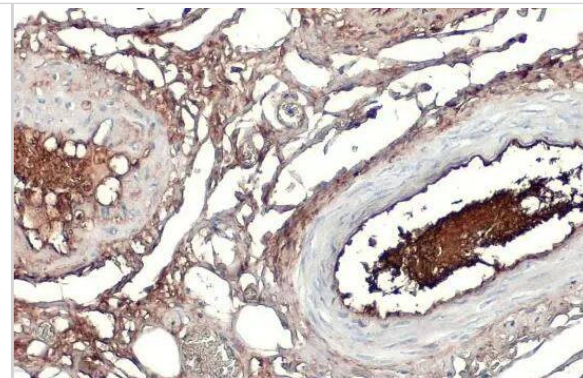
Immunocytochemistry/Immunofluorescence: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Apolipoprotein A1 stained by Apolipoprotein A1 antibody diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10um.



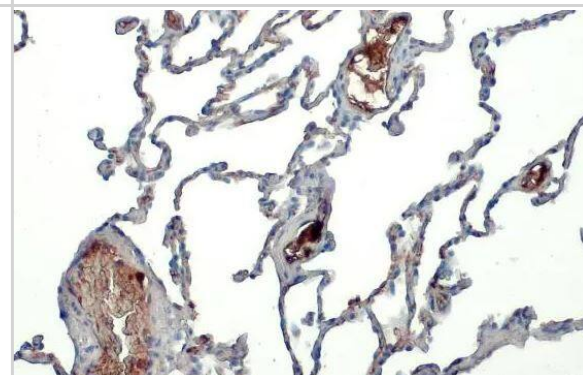
Western Blot: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - Mouse plasma and rat plasma (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Apolipoprotein A1 antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



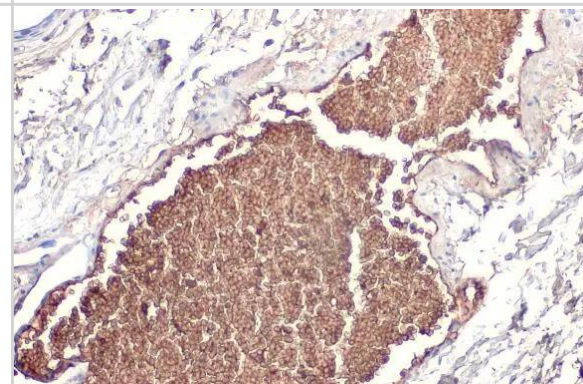
Immunohistochemistry-Paraffin: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] -Human colon. Apolipoprotein A1 stained by Apolipoprotein A1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - Human lung. Apolipoprotein A1 stained by Apolipoprotein A1 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Apolipoprotein A-I/ApoA1 Antibody [NBP2-15429] - Apolipoprotein A-I/ApoA1 antibody detects secreted Apolipoprotein A-I/ApoA1 protein by immunohistochemical analysis. Sample: Paraffin-embedded human esophagus. Apolipoprotein A-I/ApoA1 stained by Apolipoprotein A-I/ApoA1 antibody (NBP2-15429) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Publications

Ansari A, Yadav PK, Zhou L et al. MicroRNA-541-3p alters lipoproteins to reduce atherosclerosis by degrading Znf101 and Casz1 transcription factors bioRxiv : the preprint server for biology 2023-11-03 [PMID: 37961312]

Tao H, Huang J, Yancey PG et al. Scavenging of reactive dicarbonyls with 2-hydroxybenzylamine reduces atherosclerosis in hypercholesterolemic Ldlr^{-/-} mice Nat Commun 2020-08-16 [PMID: 32796843]

Shi H, Guo J, Yu Q et al. CRISPR/Cas9 Based Blockade of IL-10 Signaling Impairs Lipid and Tissue Homeostasis to Accelerate Atherosclerosis SSRN Electronic Journal 2022-07-01 [PMID: 36110841] (WB, Golden Syrian Hamster)

Zhong J, Yang HC, Yermalitsky V et al. Kidney injury-mediated disruption of intestinal lymphatics involves dicarbonyl-modified lipoproteins Kidney international 2021-06-05 [PMID: 34102217]

Clark AJ, Jabs K, Hunley TE et al. Urinary apolipoprotein AI in children with kidney disease Pediatr. Nephrol. 2019-06-23 [PMID: 31230128]



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Products Related to NBP2-15429

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34869-100ug	Recombinant Human Apolipoprotein A-I/ApoA1 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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