

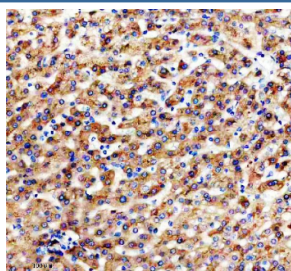
Apolipoprotein H Antibody / APOH [clone 24A09] (RQ8917)

Catalog No.	Formulation	Size
RQ8917	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

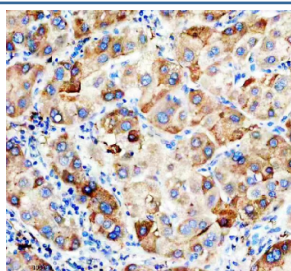
Recombinant **RABBIT MONOCLONAL**

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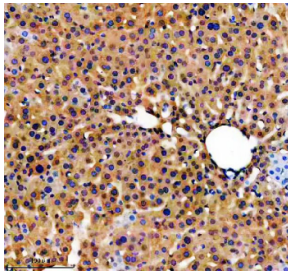
Availability	1-3 days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	24A09
Purity	Affinity chromatography
UniProt	P02749
Applications	Western Blot : 1:1000 Immunohistochemistry (FFPE) : 1:50
Limitations	This Apolipoprotein H antibody is available for research use only.



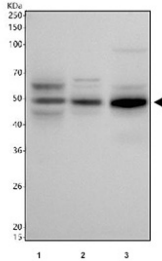
IHC staining of FFPE human liver tissue with Apolipoprotein H antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human liver cancer tissue with Apolipoprotein H antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse liver tissue with Apolipoprotein H antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) human Caco-2 and 3) mouse HEPA1-6 cell lysate with Apolipoprotein H antibody. Predicted molecular weight ~38 kDa, but may be observed at higher molecular weights due to glycosylation.

Description

Apolipoprotein H (APOH), also known as beta-2-glycoprotein I, is a plasma glycoprotein primarily involved in lipid metabolism and coagulation pathways. It binds to negatively charged phospholipids and plays a regulatory role in blood clotting by modulating platelet activity and coagulation protein function. Researchers frequently use an Apolipoprotein H antibody to study these biological processes.

Beyond its role in coagulation, APOH has been implicated in immune regulation and is a target of autoantibodies in antiphospholipid syndrome, a condition associated with abnormal clotting. Studying APOH with an Apolipoprotein H antibody provides insights into cardiovascular disease, autoimmune disorders, and lipid biology.

NSJ Bioreagents offers a validated Apolipoprotein H antibody designed for applications such as western blot, immunohistochemistry, and ELISA. Using a high-quality Apolipoprotein H antibody ensures reliable detection and reproducibility in studies of coagulation, immunity, and metabolic regulation.

Application Notes

Optimal dilution of the Apolipoprotein H antibody should be determined by the researcher.

Immunogen

A peptide sequence specific to Apolipoprotein H protein was used as the immunogen for the Apolipoprotein H antibody.

Storage

After reconstitution, the Apolipoprotein H antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

