

APOH Rabbit pAb

Catalog Number: bs-1570R

Target Protein: APOH

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Cow, Dog, Horse)

Predicted MW: 36 kDa

Entrez Gene: 350

Swiss Prot: P02749

Source: KLH conjugated synthetic peptide derived from human ApoH: 281-345/345.

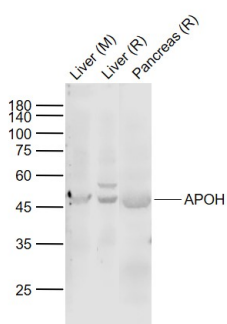
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

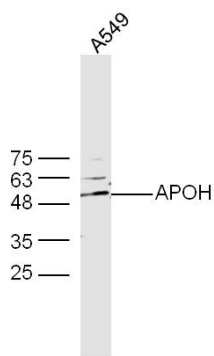
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Apolipoprotein H is expressed by placental trophoblast cells at high levels. Although the normal physiological role is not known, the protein appears to act as a co-factor for the binding of autoantibodies to phospholipids to trophoblasts, which is a process involved in the pathogenesis of recurrent miscarriage.

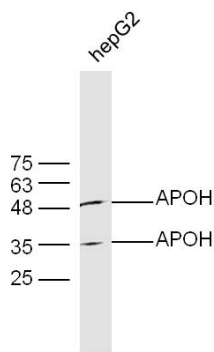
VALIDATION IMAGES



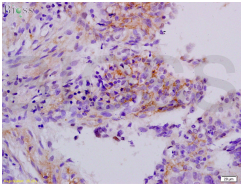
Sample: Lane 1: Liver (Mouse) Lysate at 40 ug Lane 2: Liver (Rat) Lysate at 40 ug Lane 3: Pancreas (Rat) Lysate at 40 ug Primary: Anti-APOH (bs-1570R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44-50 kD Observed band size: 47 kD



Sample: A549 Cell (Human) Lysate at 30 ug Primary: Anti-APOH (bs- 1570R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 35/50 kD



Sample: HepG2 Cell (Human) Lysate at 30 ug Primary: Anti-APOH (bs- 1570R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 35/50 kD



Tissue/cell: human laryngeal cancer; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-APOH Polyclonal Antibody, Unconjugated(bs-1570R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=38.104] Du Xing. et al. B cell-derived anti-beta 2 glycoprotein I antibody mediates hyperhomocysteinemia-aggravated hypertensive glomerular lesions by triggering ferroptosis. SIGNAL TRANSDUCT TAR. 2023 Mar;8(1):1-16 Other ; Mouse . 36907919

[IF=4.543] Subhojit Paul. et al. Modulation of lung cytoskeletal remodeling, RXR based metabolic cascades and inflammation to achieve redox homeostasis during extended exposures to lowered pO₂. 2021 May 17 WB ; Human, Rat . 34002323