bs-1570R **[Primary Antibody]**

APOH Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 350 **SWISS:** P02749

Target: APOH

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

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

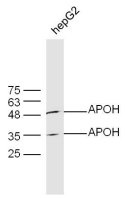
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

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

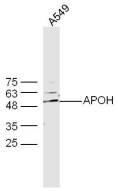
Predicted MW.: 36 kDa

Subcellular Location: Secreted

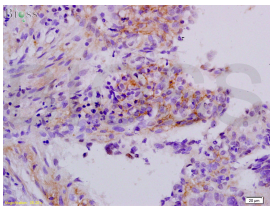
VALIDATION IMAGES



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



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



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

SELECTED CITATIONS

- **[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 pO 2. 2021 May 17 WB ;Human, Rat. 34002323