

Rabbit APOH Polyclonal Antibody | anti-APOH antibody

APOH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326128	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

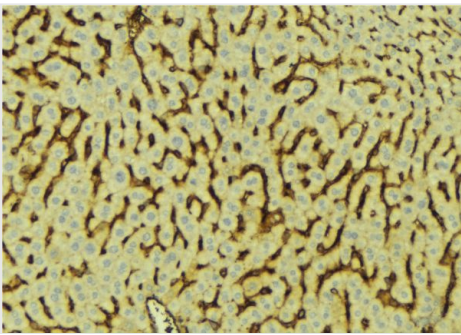
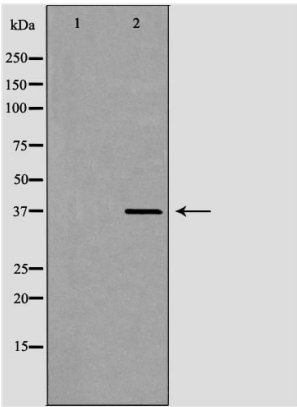
PRODUCT SYNONYMS

APOH; Polyclonal Antibody; APOH Antibody; Activated protein C binding protein; Activated protein C-binding protein; Anticardiolipin cofactor; APC inhibitor; Apo-H; APOH_HUMAN; apolipoprotein H (beta-2-glycoprotein I); Apolipoprotein H; B2G1; B2GP1; B2GPI; Beta 2 glycoprotein I; Beta 2 glycoprotein I precursor; Beta(2)GPI; Beta-2-glycoprotein 1; Beta-2-glycoprotein I; BG; Glycoprotein 1; beta-2; Glycoprotein I; OTTMUSP00000003033; anti-APOH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	APOH antibody detects endogenous levels of total APOH
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	345
Applicable Applications for anti-APOH antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human APOH
Subcellular Location	Secreted.
Tissue Specificity	Expressed by the liver and secreted in plasma.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326128 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of NB4 lysate using APOH antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-APOH antibody

Description: Apolipoprotein H has been implicated in a variety of physiologic pathways including lipoprotein metabolism, coagulation, and the production of antiphospholipid autoantibodies. APOH may be a required cofactor for anionic phospholipid binding by the antiphospholipid autoantibodies found in sera of many patients with lupus and primary antiphospholipid syndrome, but it does not seem to be required for the reactivity of antiphospholipid autoantibodies associated with infections. [provided by RefSeq, Jul 2008]
Function: Binds to various kinds of negatively charged substances such as heparin, phospholipids, and dextran sulfate. May prevent activation of the intrinsic blood coagulation cascade by binding to phospholipids on the surface of damaged cells.
Post-translational Modifications: N-and O-glycosylated. PubMed:6587378 also reports glycosylation on 'Asn-188' for their allele.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153266841
NCBI GeneID	350
NCBI Accession #	NP_000033.2
NCBI GenBank Nucleotide #	NM_000042.2
UniProt Accession #	P02749; Q9UCN7; B2R9M3
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	beta-2-glycoprotein 1
NCBI Official Synonym Full Names	apolipoprotein H
NCBI Official Symbol	APOH
NCBI Official Synonym Symbols	BG; B2G1; B2GP1
NCBI Protein Information	beta-2-glycoprotein 1
UniProt Protein Name	Beta-2-glycoprotein 1
UniProt Gene Name	APOH
UniProt Synonym Gene Names	B2G1; Apo-H; B2GPI; Beta(2)GPI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apoh-antibody-immunohistochemistry-western-blot-elisa/326128>