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APOH Rabbit pAb

Catalog # AP97312

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P02749
Other Accession	P02749
Reactivity	Rat, Human, Mouse
Predicted	Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38298
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ApoH
Epitope Specificity	281-345/345
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 4 Sushi (CCP/SCR) domains.
Post-translational modifications	N- and O-glycosylated. PubMed:6587378 also reports glycosylation on 'Asn-188' for their allele.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	350
Other Names	B2G1; B2GP1; BG; APOH_HUMAN; APOH; APC inhibitor; Activated protein C-binding protein; Anticardiolipin cofactor; Apolipoprotein H (Apo-H); Beta-2-glycoprotein I (B2GPI | Beta(2)GPI); APOH_RAT; apolipoprotein H; apolipoprotein H (beta-2-glycoprotein I); beta-2-glycoprotein I
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	APOH
Synonyms	B2G1
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.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.