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SP2165P

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Polyclonal Antibody to Human Sterolin 1

Alternate names:	ATP-binding cassette sub-family G member 5, Sterolin-1
Catalog No.:	SP2165P
Quantity:	0.1 mg
Host:	Rabbit
Immunogen:	Recombinant human ABCG5.
Applications:	ELISA. Immunoprecipitation. Western Blot. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Sterolin 1 also known as, ATP-binding cassette subfamily G, member 5. ATP-binding cassette transporter genes are involved in the regulation of dietary cholesterol retained in the body. Sterolin 1 normally cooperates with Sterolin 2 (ABCG8) to limit intestinal absorption and promote biliary excretion of sterols. Mutation of the ABCG5 gene can lead to sterol accumulation and atherosclerosis.
	Molecular Weight: Approximately 70kDa
Storage:	Store the antibody at 4-8°C or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Lu K, Lee MH, Hazard S, Brooks-Wilson A, Hidaka H, Kojima H, et al. Two genes that map to the STSL locus cause sitosterolemia: genomic structure and spectrum of mutations involving sterolin-1 and sterolin-2, encoded by ABCG5 and ABCG8, respectively. <i>Am J Hum Genet.</i> 2001 Aug;69(2):278-90. Epub 2001 Jul 9. PubMed PMID: 11452359.