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ABCG5 Rabbit pAb

Catalog Number:	bs-5013R
Target Protein:	ABCG5
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), ELISA (1:5000-10000)
Reactivity:	Human
Predicted MW:	72 kDa
Entrez Gene:	64240
Swiss Prot:	Q9H222
Source:	KLH conjugated synthetic peptide derived from human ABCG5: 251-350/651.
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:	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. The protein encoded by this gene functions as a half-transporter to limit intestinal absorption and promote biliary excretion of sterols. It is expressed in a tissue-specific manner in the liver, colon, and intestine. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG8. Mutations in this gene may contribute to sterol accumulation and atheroschlerosis, and have been observed in patients with sitosterolemia. [provided by RefSeq, Jul 2008].

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.879] Jean Baptiste Nyandwi. et al. Rosmarinic Acid Exhibits a Lipid-Lowering Effect by Modulating the Expression of Reverse Cholesterol Transporters and Lipid Metabolism in High-Fat Diet-Fed Mice. Biomolecules. 2021 Oct;11(10):1470 WB ; Mouse . 34680102

[IF=5.08] Zhong, Chun-Yan, et al. "Microbiota prevents cholesterol loss from the body by regulating host gene expression in mice." Scientific Reports 5 (2015). WB ; ="Mouse" . 26015368

[IF=3.97] Ding, Lin, et al. "Eicosapentaenoic acid-enriched phospholipids improve atherosclerosis by mediating cholesterol metabolism." Journal of Functional Foods 32 (2017): 90-97. WB ; ="Mouse" . doi:10.1016/j.jff.2017.02.020

[IF=2.66] Gao et al. Acute stress show great influences on liver function and the expression of hepatic genes associated with lipid metabolism in rats. (2013) Lipids.Health.Dis. 12:118 WB ; Rat . 23902778

[IF=2.65] Huiming Hu. et al. The Hypolipidemic Effect of Hawthorn Leaf Flavonoids through Modulating Lipid Metabolism and Gut Microbiota in Hyperlipidemic Rats.. EVID-BASED COMPL ALT. 2022 Nov;2022:3033311-3033311 WB ; Rat . 36425260