

Product Datasheet

ABCG8 Antibody NB400-110SS

Unit Size: 0.025 ml

Store at 4C. Do not freeze.

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Publications: 4

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NB400-110SS

ABCG8 Antibody

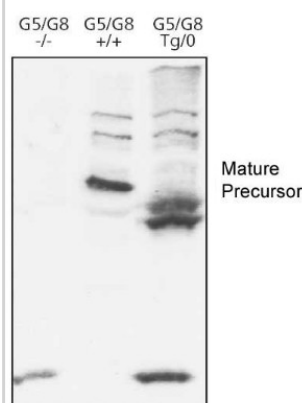
Product Information	
Unit Size	0.025 ml
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	64241
Gene Symbol	ABCG8
Species	Human, Mouse (Negative)
Species Reactivity	Human. Does not appear to react with mouse.
Immunogen	A synthetic peptide from the N-terminal region of human ABCG8 protein. [UniProt# Q9H221]

Product Application Details	
Applications	Western Blot, Immunohistochemistry (Negative)
Recommended Dilutions	Immunohistochemistry (Negative), Western Blot 1:500
Application Notes	This ABCG8 antibody is useful for Western blot. The antibody does not appear to be applicable in immunohistochemistry.

Images

Western Blot: ABCG8 Antibody [NB400-110] - Analysis of ABCG8, using NB400-110. Samples: mouse liver microsomes from G5/G8 knockout mice, wildtype human G5/G8, and transgenic human G5/G8.



Publications

Suzuki S, Shuto T, Sato T et al. Inhibition of post-translational N-glycosylation by HRD1 that controls the fate of ABCG5/8 transporter. *Sci Rep* 3/3/2014 [PMID: 24584735] (WB, Human)

Renner O, Lutjohann D, Richter D et al. Role of the ABCG8 19H risk allele in cholesterol absorption and gallstone disease. *BMC Gastroenterol* 2013 Feb 13 [PMID: 23406058] (WB, Human)

Mathur, SN, Watt, KR, Field, FJ. Regulation of intestinal NPC1L1 expression by dietary fish oil and docosahexaenoic acid. *J Lipid Res*;48(2):395-404. 2007 Feb. [PMID: 17114806]

Kobayashi, A et al. Efflux of sphingomyelin, cholesterol, and phosphatidylcholine by ABCG1. *J Lipid Res*;47(8):1791-802. 2006 Aug. [PMID: 16702602] (WB, Human)



Procedures

Western Blot Protocol for ABCG8 Antibody (NB400-110)

Western Blot Protocol

1. Load ~50 micrograms of lysate (ie: liver membrane) onto an 8% SDS-PAGE, reducing.
2. Block the protein transferred membrane for 30 minutes in blocking buffer [5% NFDM, 10 mM Tris (pH 7.6) saline, 0.2% Tween-20] at room temperature.
3. Incubate the membrane in diluted primary anti-ABCG8 [cat# NB 400-110], 1:500 for 1 hour at room temperature.
4. Wash the membrane 3x 5 minutes in blocking buffer without milk.
5. Incubate the membrane in diluted secondary anti-Rabbit IgG conjugated to HRP.
6. Wash the membrane 3x 5 minutes in blocking buffer without milk.
7. Wash the membrane for 5 minutes in TBS.
8. Develop using West-Pico ECL (Pierce) reagent.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our guarantee, please visit www.novusbio.com/guarantee.

