

Product Datasheet

ABCG8 Antibody - BSA Free

NB400-110

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 6

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NB400-110

ABCG8 Antibody - BSA Free

Product Information

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

Product Description

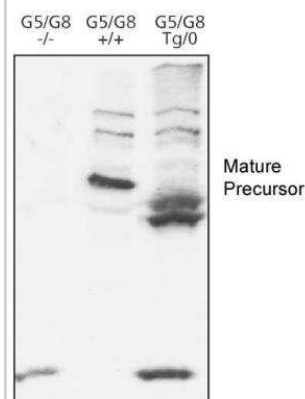
Description	Novus Biologicals Rabbit ABCG8 Antibody - BSA Free (NB400-110) is a polyclonal antibody validated for use in WB. Anti-ABCG8 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64241
Gene Symbol	ABCG8
Species	Human, Mouse (Negative)
Reactivity Notes	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	Western Blot 1:500, Immunohistochemistry (Negative)
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

Matsuo M, Ogata Y, Yamanashi Y, Takada T ABCG5 and ABCG8 Are Involved in Vitamin K Transport Nutrients 2023-02-16 [PMID: 36839356]

Maqdasy S, El Hajjaji FZ, Baptissart M et al. Identification of the Functions of Liver X Receptor-beta in Sertoli Cells Using a Targeted Expression-Rescue Model. Endocrinology 2015-12-01 [PMID: 26402841] (Mouse)

Details:

This publication used the Biotin conjugated form of this antibody (NB400-110B)

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 2014-03-03 [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 2013-02-13 [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. 2007-02-01 [PMID: 17114806]

Kobayashi, A et al. Efflux of sphingomyelin, cholesterol, and phosphatidylcholine by ABCG1. J Lipid Res;47(8):1791-802. 2006-08-01 [PMID: 16702602] (WB, Human)



Procedures

Western Blot protocol for ABCG8 Antibody (NB400-110)

ABCG8 Antibody:

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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Products Related to NB400-110

NB400-110PEP	ABCG8 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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.

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