

# Product Datasheet

## ABCG5 Antibody - BSA Free

### NBP1-80712

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-80712**

ABCG5 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

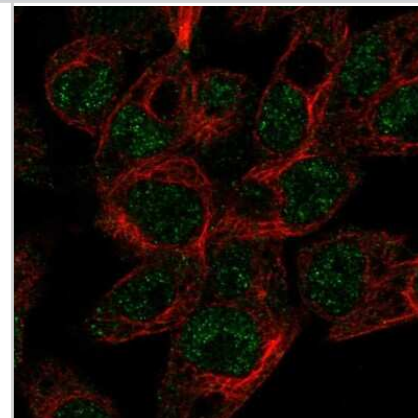
<b>Description</b>	Novus Biologicals Rabbit ABCG5 Antibody - BSA Free (NBP1-80712) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-ABCG5 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	64240
<b>Gene Symbol</b>	ABCG5
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (81%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: IHQPRSELFQLFDKIAILSFGELIFCGTPAEMLDFFNDCGYPCPEHSNPFDFYMD LTSVDTQSKEREIETSKRVQMIESAYKKSAICKLTKNIERMKHLKTLPMV/PFKT KDSPGVFSKLGVL

**Product Application Details**

<b>Applications</b>	Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
<b>Application Notes</b>	ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Immunocytochemistry/Immunofluorescence: ABCG5 Antibody [NBP1-80712] - Immunofluorescent staining of human cell line Hep G2 shows localization to nucleus.



## Publications

Manna PR, Reddy AP, Pradeepkiran JA et al. Regulation of retinoid mediated StAR transcription and steroidogenesis in hippocampal neuronal cells: Implications for StAR in protecting Alzheimer's disease *Biochimica et biophysica acta. Molecular basis of disease* 2022-11-07 [PMID: 36356843] (ELISA)

Ma R, Lu D, Xie Q et al. l-Borneol and d-Borneol promote transdifferentiation of astrocytes into neurons in rats by regulating Wnt/Notch pathway to exert neuroprotective effect during recovery from cerebral ischaemia *Phytomedicine* 2022-12-01 [PMID: 36610167] (WB, Rat)

Chen Y, Yang S, Liu L et al. A novel therapy for hepatic cholestasis treatment-the combination of rosiglitazone and fenofibrate *European journal of pharmacology* 2022-11-24 [PMID: 36436592] (WB, Mouse)

Ahn SB, Jun DW, Jang K et al. Duodenal Niemann-Pick C1-like 1 expression was negatively correlated with liver X receptor expression in nonalcoholic fatty liver disease *Korean J. Intern. Med.* 2019-07-01 [PMID: 29466845]

Ahn Sang Bong, Jang Kiseok, Jun Dae Won et al. Expression of liver X receptor correlates with intrahepatic inflammation and fibrosis in patients with nonalcoholic fatty liver disease. *Dig Dis Sci.* 2014-08-08 [PMID: 25102981] (Human)





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### **Products Related to NBP1-80712**

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NBP1-80712PEP	ABCG5 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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.

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