

Product Datasheet

Anti-ABCG1 Antibody (orb214917)

Description	Rabbit polyclonal antibody to ABCG1
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, WB
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ABCG1. The exact sequence is proprietary.
Target	ABCG1
Preservatives	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Form/Appearance	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Polyclonal
Antibody Type	Primary Antibody
Source	Rabbit
Uniprot ID	P45844, Q64343
Entrez	9619, 11307
Dilution Range	WB: 1-500-1-1000

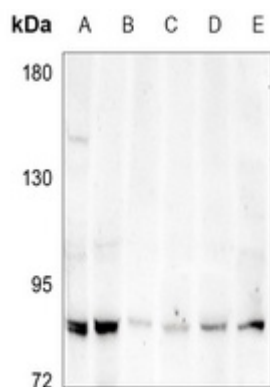
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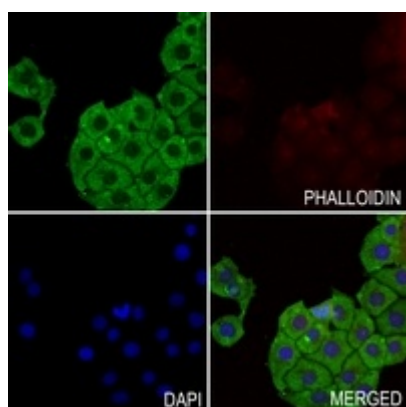
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Expiration Date 12 months from date of receipt.



Western blot analysis of ABCG1 expression in MCF7 (A), Hela (B), PC12 (C), RAW264.7 (D), SHSY5Y (E), THP1 (F) whole cell lysates. (Predicted band size: 75 kD; Observed band size: 76 kD)



Immunofluorescent analysis of ABCG1 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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