ABCG1 rabbit pAb

Cat#: orb766665 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	ABCG1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from ABCG1 . at AA range: 560-640
Specificity	ABCG1 Polyclonal Antibody detects endogenous levels of ABCG1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ATP-binding cassette sub-family G member 1
Gene Name	ABCG1
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Cell membrane . Predominantly localized in the intracellular compartments mainly associated with the endoplasmic reticulum (ER) and Golgi membranes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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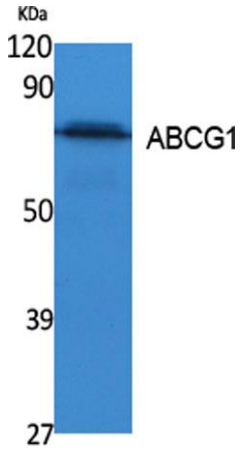
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	75kD
Human Gene ID	9619
Human Swiss-Prot Number	P45844
Alternative Names	ABCG1; ABC8; WHT1; ATP-binding cassette sub-family G member 1; ATP-binding cassette transporter 8; White protein homolog

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. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified. [provided by RefSeq, Jul 2008],



Western Blot analysis of extracts from K562 cells, using ABCG1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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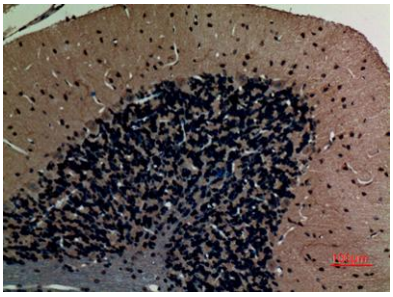
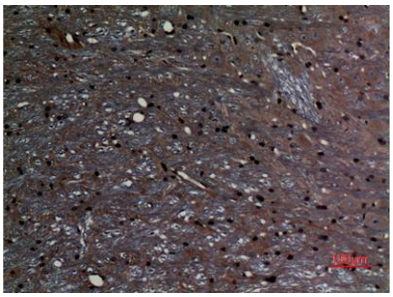


Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



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