Anti-ABCC6 Antibody

Description	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). The encoded protein, a member of the MRP subfamily, is involved in multi-drug resistance. Mutations in this gene cause pseudoxanthoma elasticum. Alternatively spliced transcript variants that encode different proteins have been described for this gene.

Model	STJ110399
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-99 of human ABCC6 (NP_001072996.1).
Gene ID	368
Gene Symbol	ABCC6
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in kidney and liver, Very low expression in other tissues
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Multidrug resistance-associated protein 6 ATP-binding cassette sub-family C member 6 Anthracycline resistance-associated protein Multi-specific organic

	anion transporter E MOAT-E
Molecular Weight	164.906 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:57OMIM:264800Reactome:R-HSA-382556
Alternative Names	Multidrug resistance-associated protein 6 ATP-binding cassette sub-family C member 6 Anthracycline resistance-associated protein Multi-specific organic anion transporter E MOAT-E
Function	May participate directly in the active transport of drugs into subcellular organelles or influence drug distribution indirectly, Transports glutathione conjugates as leukotriene-c4 (LTC4) and N-ethylmaleimide S-glutathione (NEM-GS),
Cellular Localization	Basolateral cell membrane