

Rabbit anti-Human, Rat ABCC9 Polyclonal Antibody | anti-ABCC9 antibody

ABCC9 Antibody

CATALOG # AAA327867	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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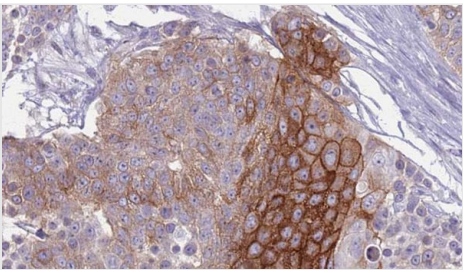
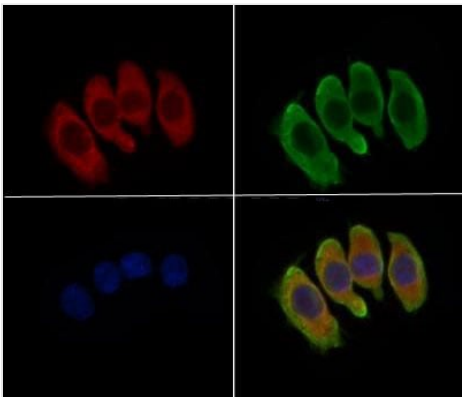
PRODUCT SYNONYMS

ABCC9; Polyclonal Antibody; ABCC9 Antibody; ABC37; abcC9; ABCC9_HUMAN; AI414027; AI449286; ATFB12; ATP-binding cassette sub-family C member 9; ATP-binding cassette transporter sub-family C member 9; ATP-binding cassette; sub-family C (CFTR/MRP); member 9; CANTU; CMD1O; FLJ36852; Sulfonylurea receptor 2; Sulfonylurea-binding protein 2; SUR2; SUR2A; SUR2B; anti-ABCC9 antibody

PRODUCT SPECIFICATIONS

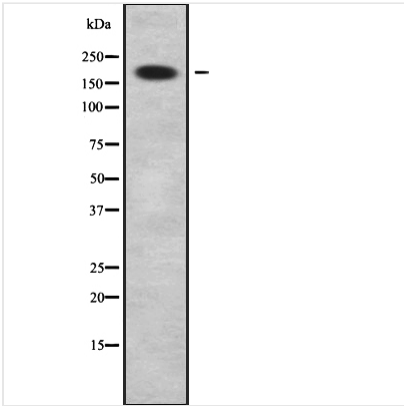
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCC9 antibody detects endogenous levels of total ABCC9
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1549
Applicable Applications for anti-ABCC9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ABCC9 corresponding to a region within the C-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327867 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

IF (Immunofluorescence)
AAA327867 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA327867 1:200) and mouse anti-beta tubulin Ab (1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



WB (Western Blot)
Western blot analysis of ABCC9 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC9 antibody	Function: Subunit of ATP-sensitive potassium channels (KATP). Can form cardiac and smooth muscle-type KATP channels with KCNJ11. KCNJ11 forms the channel pore while ABCC9 is required for activation and regulation. Subunit Structure: Interacts with KCNJ11. Similarity: Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110832835
NCBI GeneID	10060
NCBI Accession #	NP_005682.2
NCBI GenBank Nucleotide #	NM_005691.3
UniProt Accession #	O60706; O60707
Molecular Weight	174kDa
NCBI Official Full Name	ATP-binding cassette sub-family C member 9 isoform SUR2A

NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 9
NCBI Official Symbol	ABCC9
NCBI Official Synonym Symbols	SUR2; ABC37; CANTU; CMD1O; ATFB12
NCBI Protein Information	ATP-binding cassette sub-family C member 9
UniProt Protein Name	ATP-binding cassette sub-family C member 9
UniProt Gene Name	ABCC9
UniProt Synonym Gene Names	SUR2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/abcc9-antibody-immunohistochemistry-western-blot-elisa/327867>