

Rabbit ABCC9 Polyclonal Antibody | anti-ABCC9 antibody

ABCC9 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199296	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

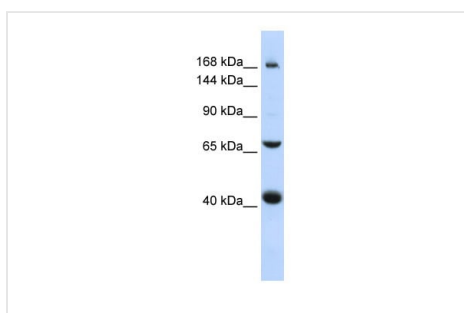
PRODUCT SYNONYMS

ABCC9; Polyclonal Antibody; ABCC9 antibody - middle region; anti-ABCC9 antibody

PRODUCT SPECIFICATIONS

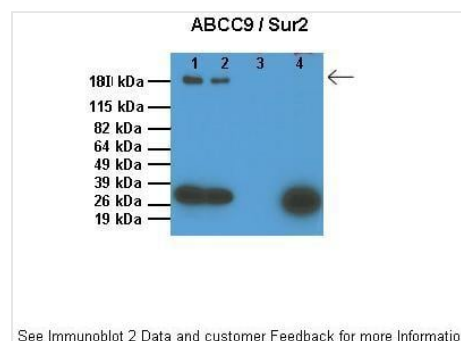
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AV VTEGGENFSV GQRQLFCLAR AFVRKSSILI MDEATASIDM ATENILQK
Sequence Length	1549
Applicable Applications for anti-ABCC9 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ABCC9
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



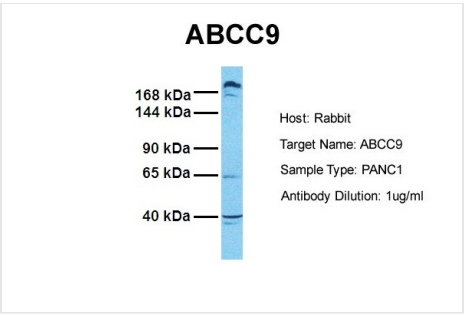
WB (Western Blot)

WB Suggested Anti-ABCC9 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: 721_B cell lysate
 ABCC9 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Lanes: 1: 10ug SUR1 KO mouse ventricle lysate, 2: 10ug WT mouse ventricle lysate, 3: 0.1ug SUR1 overexpressing mouse ventricle lysate, 4: 10ug canine ventricle lysate
 Primary Antibody Dilution: 1:1000
 Secondary Antibody: Anti-rabbit HRP
 Secondary Antibody Dilution: 1:2000
 Gene Name: ABCC9
 Submitted by: Haixia Zhang



WB (Western Blot)
Host: RabbitTarget Name: ABCC9Sample Tissue: Human PANC1Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ABCC9 antibody	This is a rabbit polyclonal antibody against ABCC9. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ABCC9 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 MRP subfamily which is involved in multi-drug resistance. This protein is thought to form ATP-sensitive potassium channels in cardiac, skeletal, and vascular and non-vascular smooth muscle. Protein structure suggests a role as the drug-binding channel-modulating subunit of the extrapancreatic ATP-sensitive potassium channels. No disease has been associated with this gene thus far. Alternative splicing of this gene results in several products, two of which result from differential usage of two terminal exons and one of which results from exon deletion. 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 MRP subfamily which is involved in multi-drug resistance. This protein is thought to form ATP-sensitive potassium channels in cardiac, skeletal, and vascular and non-vascular smooth muscle. Protein structure suggests a role as the drug-binding channel-modulating subunit of the extrapancreatic ATP-sensitive potassium channels. No disease has been associated with this gene thus far. Alternative splicing of this gene results in several products, two of which result from differential usage of two terminal exons and one of which results from exon deletion.
Product Categories/Family for anti-ABCC9 antibody	Polyclonal; Membrane Protein; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	110832835
NCBI GeneID	10060
NCBI Accession #	NP_005682
NCBI GenBank Nucleotide #	NM_005691
UniProt Accession #	O60706
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://stage.aaabiotech.com/polyclonal/abcc9-antibody-western-blot-elisa/199296>