

## 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 |

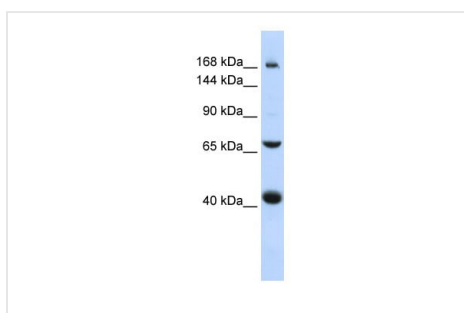
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

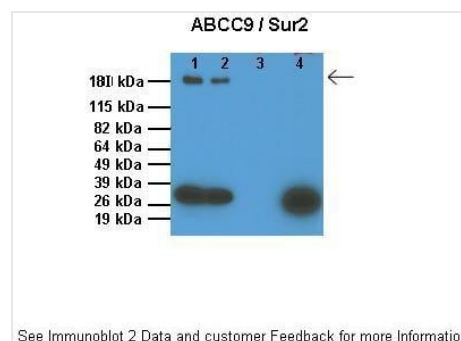
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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



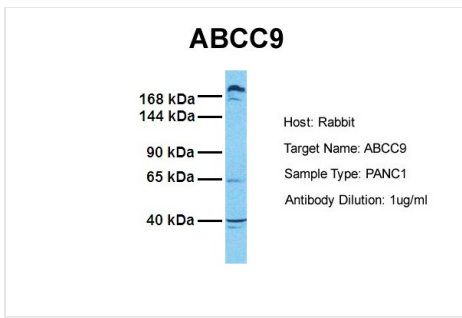
#### WB (Western Blot)

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 #                        | <a href="#">110832835</a>                                |
| NCBI GeneID                      | <a href="#">10060</a>                                    |
| NCBI Accession #                 | <a href="#">NP_005682</a>                                |
| NCBI GenBank Nucleotide #        | <a href="#">NM_005691</a>                                |
| UniProt Accession #              | <a href="#">O60706</a>                                   |
| 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-western-blot-elisa/199296>