

**ABCC9 / SUR2 Antibody (internal region)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3698a****Specification**

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**ABCC9 / SUR2 Antibody (internal region) - Product Information**

|                   |                                                                                   |
|-------------------|-----------------------------------------------------------------------------------|
| Application       | E                                                                                 |
| Primary Accession | <a href="#">O60706</a>                                                            |
| Other Accession   | <a href="#">NP_005682.2</a> , <a href="#">NP_064693.2</a> , <a href="#">10060</a> |
| Predicted         | Human, Dog                                                                        |
| Host              | Goat                                                                              |
| Clonality         | Polyclonal                                                                        |
| Concentration     | 0.5 mg/ml                                                                         |
| Isotype           | IgG                                                                               |
| Calculated MW     | 174223                                                                            |

**ABCC9 / SUR2 Antibody (internal region) - Additional Information****Gene ID** 10060**Other Names**

ATP-binding cassette sub-family C member 9, Sulfonylurea receptor 2, ABCC9, SUR2

**Dilution**

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ABCC9 / SUR2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**ABCC9 / SUR2 Antibody (internal region) - Protein Information****Name** ABCC9**Synonyms** SUR2 {ECO:0000303|PubMed:31575858}**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 (PubMed:&lt;a href="http://www.uniprot.org/citations/9831708"&gt;http://www.uniprot.org/citations/9831708"

target="\_blank">9831708</a>). Can form a sulfonylurea-sensitive but ATP-insensitive potassium channel with KCNJ8 (By similarity).

**Cellular Location**

Membrane {ECO:0000255|PROSITE-ProRule:PRU00441}; Multi-pass membrane protein {ECO:0000255|PROSITE-ProRule:PRU00441}

**ABCC9 / SUR2 Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ABCC9 / SUR2 Antibody (internal region) - Images****ABCC9 / SUR2 Antibody (internal region) - Background**

This antibody is expected to recognize isoforms SUR2A (NP\_005682.2) and SUR2B (NP\_064693.2).

**ABCC9 / SUR2 Antibody (internal region) - References**

Human oocytes express ATP-sensitive K(+) channels. Du Q, Jovanovi? S, Sukhodub A, Barratt E, Drew E, Whalley KM, Kay V, McLaughlin M, Telfer EE, Barratt CL, Jovanovi? A. Hum Reprod. 2010 Nov;25(11):2774-82. PMID: 20847183