

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

ABCC9 / SUR2 Antibody (internal region) - Product Information

Application	E
Primary Accession	O60706
Other Accession	NP_005682.2 , NP_064693.2 , 10060
Predicted	Human, Dog, Cow
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

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.

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